

Products for Innovative Research

Catalogue Number

SPEH948990

CAS No.

51835-51-9

Chemical Name

N-Hydroxy Phentermine Hydrochloride

Mol. Formula

$C_{10}H_{16}ClNO$

Appearance

Pale Beige Solid

Mol Weight.

201.69

Solubility

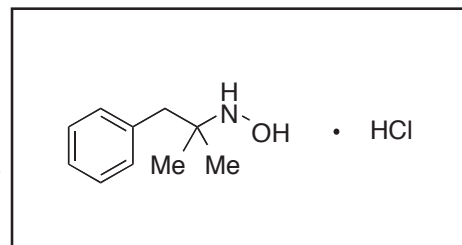
DMSO, Methanol

Storage

-20°C Freezer

Application notes

A metabolite of Phentermine (P318830).



Catalogue Number

SPED289070

CAS No.

212321-78-3

Chemical Name

Desethyl Dabigatran Etexilate

Mol. Formula

$C_{32}H_{37}N_7O_5$

Appearance

White to Off-White Solid

Mol Weight.

599.68

Solubility

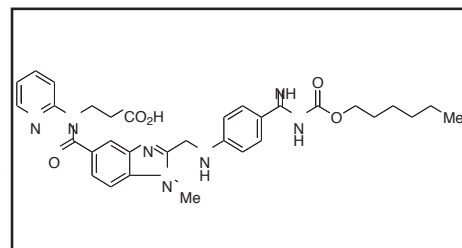
DMSO, Methanol

Storage

Refrigerator

Application notes

A metabolite of Dabigatran Etexilate (D100150).



Products for Innovative Research

Catalogue Number

SPEA765060

CAS No.

439146-24-4

Chemical Name

Arachidonic Acid Glycidyl Ester

Mol. Formula

$C_{23}H_{36}O_3$

Appearance

Pale Yellow Oil

Mol Weight.

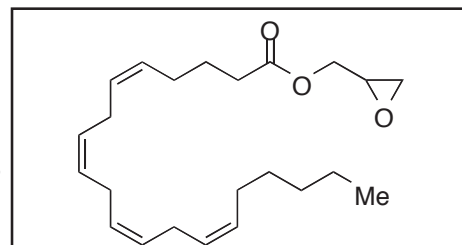
360.53

Solubility

Chloroform

Storage

Amber Vial, -20°C Freezer



Application notes

Arachidonic Acid Glycidyl Ester is an ester derivative of the essential fatty acid Arachidonic Acid (A765000) and an intermediate in the preparation of the endocannabinoid 2-Arachidonyl Glycerol (A765050). Arachidonic Acid Glycidyl Ester has inhibitory activity against monoacylglycerol lipase and fatty acid amide hydrolase.

Catalogue Number

SPED288590

CAS No.

775-33-7

Chemical Name

Des(1-cyclohexanol) Venlafaxine

Mol. Formula

$C_{11}H_{17}NO$

Appearance

Pale Yellow Oil

Mol Weight.

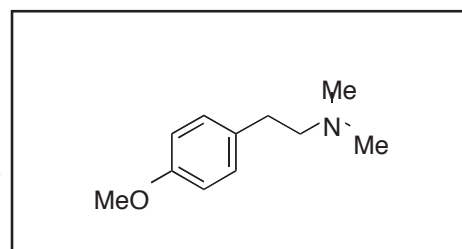
179.26

Solubility

Chloroform

Storage

Refrigerator



Application notes

Venlafaxine (V119995) impurity.

Products for Innovative Research

Catalogue Number

SPEF322520

CAS No.

76811-98-8

Chemical Name

Fexofenadinone

Mol. Formula

$C_{32}H_{37}NO_4$

Appearance

Off-White to Light Grey Solid

Mol Weight.

499.64

Solubility

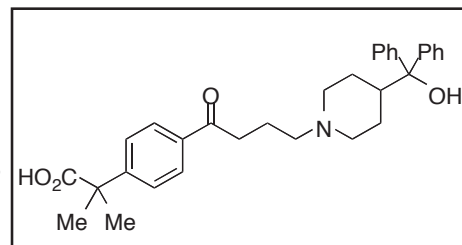
DMSO

Storage

Hygroscopic, Refrigerator, Under

Application notes

The oxo analogue of Fexofenadine (F322470); H1-histamine receptor antagonist and an active metabolite of Terfenadine (T114500).



Catalogue Number

SPEG368240

CAS No.

Chemical Name

Δ -5(10)-Gestodene

Mol. Formula

$C_{21}H_{26}O_2$

Appearance

Off-White to Pale Yellow Solid

Mol Weight.

310.43

Solubility

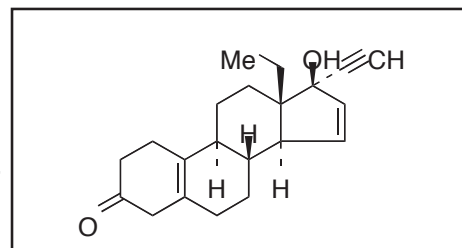
Chloroform

Storage

-20°C Freezer

Application notes

Δ -5(10)-Gestodene is an impurity of Gestodene (G368250).



Products for Innovative Research

Catalogue Number

SPEM338785

CAS No.

56392-14-4

Chemical Name

Metoprolol Acid

Mol. Formula

$C_{14}H_{21}NO_4$

Appearance

Off-White Solid

Mol Weight.

267.32

Solubility

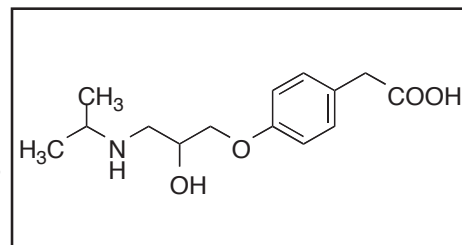
DMSO, Methanol

Storage

Hygroscopic, -20°C Freezer, Under

Application notes

The acidic inactive metabolite of Metoprolol.



Catalogue Number

SPEE925445

CAS No.

1246815-21-3

Chemical Name

rac-erythro-Ethylphenidate Hydrochloride

Mol. Formula

$C_{15}H_{22}ClNO_2$

Appearance

White Solid

Mol Weight.

283.79

Solubility

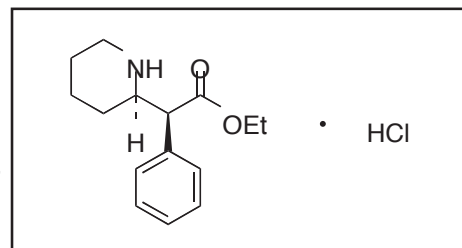
DMSO, Methanol

Storage

-20°C Freezer

Application notes

A metabolite of Methylphenidate. Ethylphenidate is formed by metabolic transesterification of Methylphenidate and ethanol.



Products for Innovative Research

Catalogue Number

GD9 C177870

CAS No.

Chemical Name

(αS,2S,3R)-5-Carboxy-4-[[[(3S,5S)-5-[[[(3-carboxyphenyl)amino]carbonyl]-3-pyrrolidinyl]thio]-3,4-dihydro-α-[(1R)-1-hydroxyethyl]-3-methyl-2H-pyrrole-2-acetic Acid Trisodium Salt

Mol. Formula

$C_{22}H_{24}N_3Na_3O_8S$

Appearance

Light Orange Solid

Mol Weight.

559.48

Solubility

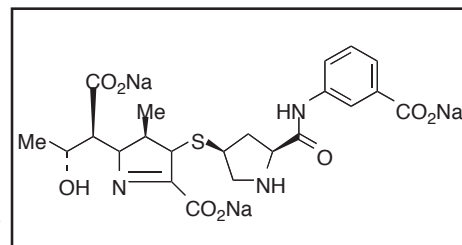
Water

Storage

Hygroscopic, -20°C Freezer, Under

Application notes

(αS,2S,3R)-5-Carboxy-4-[[[(3S,5S)-5-[[[(3-carboxyphenyl)amino]carbonyl]-3-pyrrolidinyl]thio]-3,4-dihydro-α-[(1R)-1-hydroxyethyl]-3-methyl-2H-pyrrole-2-acetic Acid is an impurity of Ertapenem (E635000).



Catalogue Number

GD9 D455087

CAS No.

118584-50-2

Chemical Name

24,25-Dihydroxy Vitamin D2-d3

Mol. Formula

$C_{28}H_{41}D_3O_3$

Appearance

Off-White Solid

Mol Weight.

431.67

Solubility

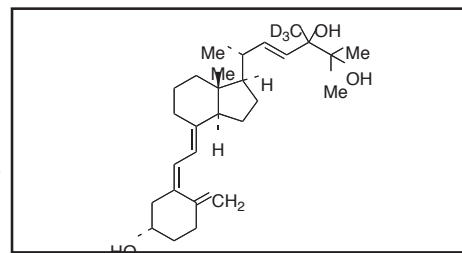
Chloroform

Storage

Amber Vial, -86°C Freezer, Under

Application notes

A labelled hydroxylated metabolite of Vitamin D2 (V676040); a synthetic analog of Vitamin D.



Products for Innovative Research

Catalogue Number

GD9 A614425

CAS No.

674799-96-3

Chemical Name

***O*-[4-(Aminomethyl)benzyl]guanine**

Mol. Formula

$C_{13}H_{14}N_6O$

Appearance

Off-White to Pale Yellow Solid

Mol Weight.

270.29

Solubility

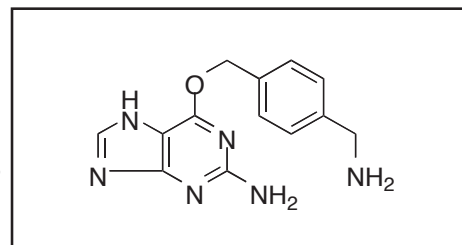
DMSO, Methanol

Storage

-20°C Freezer

Application notes

A cross linker.



Catalogue Number

SPEI415000

CAS No.

150403-88-6

Chemical Name

***N*5-(1-Iminoethyl) L-Ornithine Hydrochloride**

Mol. Formula

$C_7H_{16}ClN_3O_2$

Appearance

White to Off-White Solid

Mol Weight.

209.67

Solubility

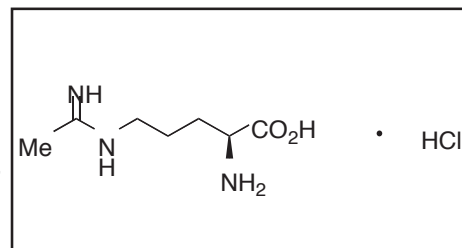
Methanol, Water

Storage

Hygroscopic, -20°C Freezer, Under

Application notes

A potent and reversible inhibitor of NO synthase of adrenal glands, brain, and vascular endothelial cells.



Products for Innovative Research

Catalogue Number

SPET947660

CAS No.

63409-10-9

Chemical Name

Tylosin 3-Acetate

Mol. Formula

$C_{48}H_{79}NO_{18}$

Appearance

Off-White Solid

Mol Weight.

958.14

Solubility

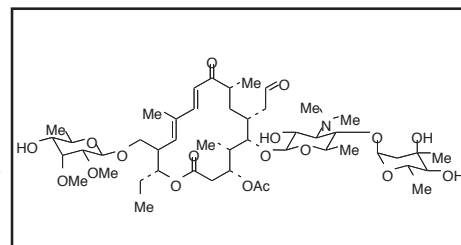
DMSO, Methanol

Storage

-20°C Freezer

Application notes

A new acyl derivative of Tylosin (T947650) produced by microbial transformation.



Catalogue Number

SPEA161232

CAS No.

Chemical Name

4-Acetaminophen-d3 Sulfate Potassium Salt

Mol. Formula

$C_8H_5D_3KNO_5S$

Appearance

White Solid

Mol Weight.

272.33

Solubility

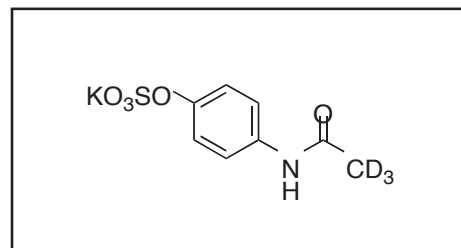
DMSO, Water

Storage

Refrigerator

Application notes

A labelled metabolite of Acetaminophen.



Catalogue Number

SPEF322520

CAS No.

76811-98-8

Chemical Name

Fexofenadinone

Mol. Formula

$C_{32}H_{37}NO_4$

Appearance

Off-White Solid

Mol Weight.

499.64

Solubility

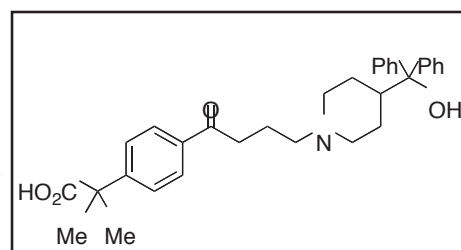
DMSO

Storage

Hygroscopic, Refrigerator, Under

Application notes

The oxo analogue of Fexofenadine (F322470); H1-histamine receptor antagonist and an active metabolite of Terfenadine (T114500).



Products for Innovative Research

Catalogue Number

SPEN681100

CAS No.

57226-68-3

Chemical Name

Norfluoxetine Hydrochloride

Mol. Formula

$C_{16}H_{17}ClF_3NO$

Appearance

Light Beige to Light Brown Solid

Mol Weight.

331.76

Solubility

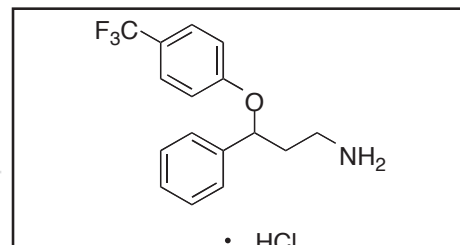
Chloroform, Dichloromethane, Ethyl

Storage

Hygroscopic, -20°C Freezer, Under

Application notes

A metabolite of Fluoxetine (F597100), a selective serotonin reuptake inhibitor which is used as an antidepressant.



Catalogue Number

SPED290100

CAS No.

161115-59-9

Chemical Name

Desisobutyryl Ciclesonide

Mol. Formula

$C_{28}H_{38}O_6$

Appearance

White to Off-White Solid

Mol Weight.

470.60

Solubility

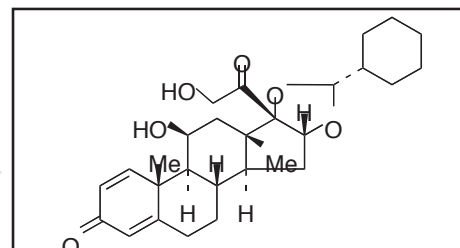
Chloroform, Methanol

Storage

-20°C Freezer

Application notes

Preclinical profile of Ciclesonide, a novel corticosteroid for the treatment of asthma.



Products for Innovative Research

Catalogue Number

SPEA771025

CAS No.

Chemical Name

Aripiprazole Dimer

Mol. Formula

$C_{48}H_{56}Cl_4N_6O_4$

Appearance

Tan Solid

Mol Weight.

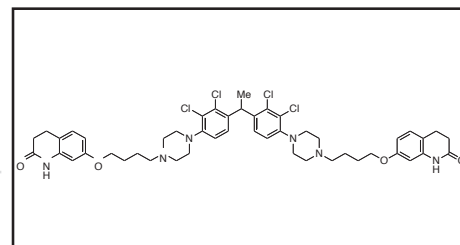
922.81

Solubility

Chloroform, DMSO, Methanol

Storage

Refrigerator



Application notes

Aripiprazole Dimer is an impurity of Aripiprazole (A771000), a selective dopamine D₂-receptor antagonist with dopamine autoreceptor agonist activity.



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Products for Innovative Research

Catalogue Number

SPET795792

CAS No.

1161070-49-0

Chemical Name

Trimethylamine-d9 N-Oxide

Mol. Formula

C_3D_9NO

Appearance

White Solid

Mol Weight.

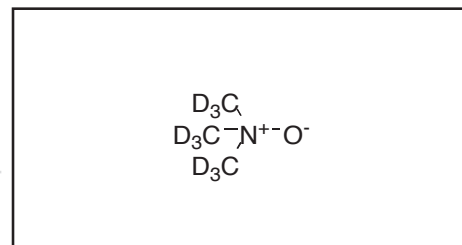
84.17

Solubility

Methanol, Water

Storage

-20°C Freezer



Application notes

Labelled Trimethylamine N-Oxide, a potential osmolyte biomarker used in the measurement of marine osmolytes in mammalian serum.

Catalogue Number

SPET795790

CAS No.

62637-93-8

Chemical Name

Trimethylamine N-Oxide Dihydrate

Mol. Formula

$C_3H_{13}NO_3$

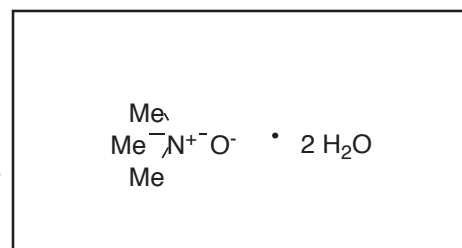
Appearance

Mol Weight.

111.14

Solubility

Storage



Application notes

Trimethylamine N-Oxide Dihydrate is as an oxygen transfer agent used to promote heterometallic cluster catalyzing coordinative hydrogenation. Trimethylamine N-Oxide Dihydrate is also used as a catalyst in the preparation of thermally stable TiO2 nanorod incorporated polymers and semiconductor/metal nanocomposites.



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Products for Innovative Research

Catalogue Number

SPET795807

CAS No.

18856-86-5

Chemical Name

Trimethylamine-d9 Hydrochloride

Mol. Formula

C_3HD_9ClN

Appearance

White Solid

Mol Weight.

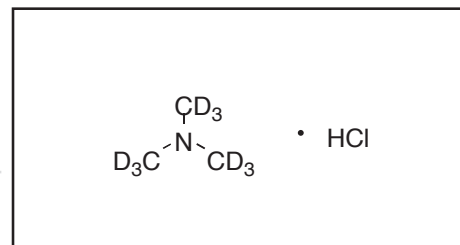
104.63

Solubility

Methanol

Storage

Refrigerator



Application notes

Labelled Trimethylamine. Trimethylamine is a versatile building block used in the synthesis of various compounds ranging from cholines, plant growth regulators, strongly basic anion exchange resins, dye leveling agents as well as a number of basic dyes.

Catalogue Number

SPEC184102

CAS No.

Chemical Name

dl Carnitine-d9 Chloride

Mol. Formula

$C_7H_7D_9ClNO_3$

Appearance

Off-White Solid

Mol Weight.

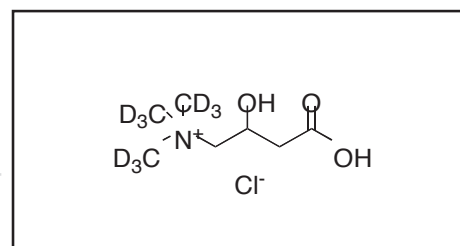
206.72

Solubility

DMSO, Ethanol, Water

Storage

Hygroscopic, Refrigerator, Under



Application notes

Vitamin (enzyme cofactor). Essential cofactor of fatty acid metabolism; required for the transport of fatty acids through the inner mitochondrial membrane. Synthesized primarily in the liver and kidney; highest concentrations found in heart and skeletal muscle. Dietary sources include red meat, dairy products, beans, avocado.



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Products for Innovative Research

Catalogue Number

SPEC184112

CAS No.

Chemical Name

L-Carnitine-¹³C

Mol. Formula

$C_6^{13}CH_{15}NO_3$

Appearance

Mol Weight.

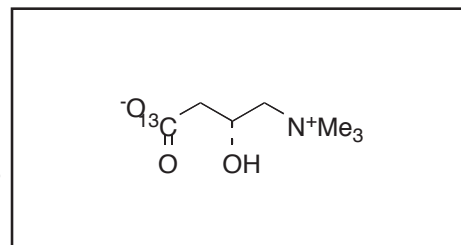
162.19

Solubility

Storage

Application notes

Essential cofactor of fatty acid metabolism; required for the transport of fatty acids through the inner mitochondrial membrane. Synthesized primarily in the liver and kidney; highest concentrations found in heart and skeletal muscle. Dietary sources include red meat, dairy products, beans, avocado.



Catalogue Number

SPEA603405

CAS No.

125377-87-9

Chemical Name

(S)-Amino Carnitine

Mol. Formula

$C_7H_{16}N_2O_2$

Appearance

Off-White Solid

Mol Weight.

160.21

Solubility

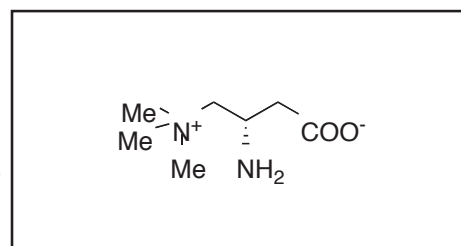
Water

Storage

Hygroscopic, Refrigerator, Under

Application notes

An inhibitor of fatty acid oxidation. Aminocarnitine acts as a hypoglycemic and antiketogenic compound. It alters lipidic metabolism by inhibiting carnitine acetyltransferase (CAT) and carnitine palmitoyltransferase (CPT).



Products for Innovative Research

Catalogue Number

SPEC242560

CAS No.

Chemical Name

Δ^2 -Cefcapene Pivoxil

Mol. Formula

$C_{23}H_{29}N_5O_8S_2$

Appearance

Off-White to Pale Yellow Solid

Mol Weight.

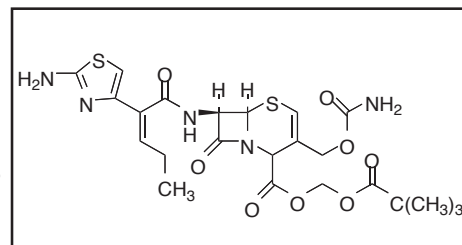
567.64

Solubility

Methanol

Storage

-20°C Freezer



Application notes

Cefcapene Pivoxil (C242550) derivative. Δ^2 -Cephalosporins are potentially related compounds in cephalosporin antibacterial compounds.

Catalogue Number

SPEL470495

CAS No.

138584-35-7

Chemical Name

Losartan N2-Glucuronide (90%)

Mol. Formula

$C_{28}H_{31}ClN_6O_7$

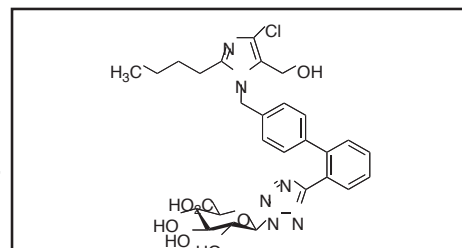
Appearance

Mol Weight.

599.03

Solubility

Storage



Application notes

A metabolite of Losartan (L470500).

Catalogue Number

SPEE975065

CAS No.

191330-56-0

Chemical Name

Ezetimibe Ketone

Mol. Formula

$C_{24}H_{19}F_2NO_3$

Appearance

White to Off-White Solid

Mol Weight.

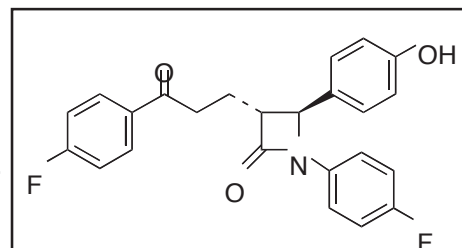
407.41

Solubility

Chloroform

Storage

-20°C Freezer



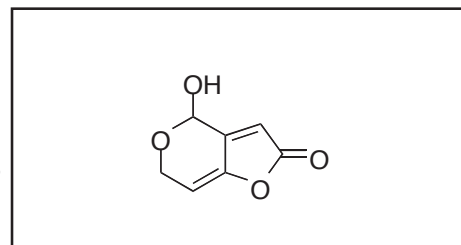
Application notes

Phase-I metabolite of Ezetimibe (E975000).



SPEP206500 **CAS No.**
149-29-1

Patulin



C₇H₆O₄ **Off-White to Pale Orange Solid**

154.12 **Acetone, Methanol** **Hygroscopic, -20°C Freezer, Under**

Application notes

Patulin (PAT), a mycotoxin produced by certain species of *Penicillium*, *Aspergillus*, and *Byssoschlamys*, is mainly found in ripe apple and apple products. Patulin-induced genotoxicity and modulation of glutathione in Hep G2 cells. Patulin is an antibiotic. Patulin-induced nephropathy and gastrointestinal tract malfunction have been demonstrated in several animal models. The oral LD50 value of patulin ranges between 29 and 55 mg/kg body weight in rodents and 170 mg/kg body weight in poultry. The

Catalogue Number

CAS No.

SPEH946652

Chemical Name

5-Hydroxy-2'-deoxycytidine-¹³C, ¹⁵N₂

Mol. Formula

Appearance

C₈¹³CH₁₃N¹⁵₂O₅

Off-White Solid

Mol Weight.

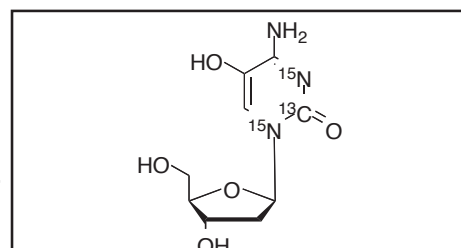
Solubility

246.20

Water

Storage

-20°C Freezer



Application notes

5-Hydroxy-2'-deoxycytidine-¹³C, ¹⁵N₂ is the Isotope labelled analogue of 5-Hydroxy-2'-deoxycytidine (H946650), a substrate for uracil DNA N-glycosylase and has been used to study the oxidation of DNA due to exposure to reactive oxygen species.



Products for Innovative Research

Catalogue Number

SPEH102490

CAS No.

64924-67-0

Chemical Name

Halofuginone Hydrobromide

Mol. Formula

$C_{16}H_{18}Br_2ClN_3O_3$

Appearance

White to Off-White Solid

Mol Weight.

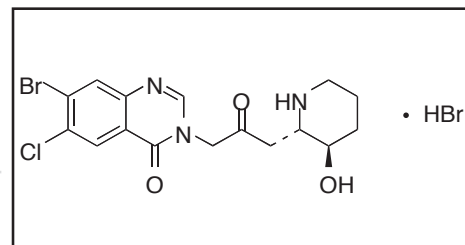
495.59

Solubility

DMSO, Water

Storage

-20°C Freezer, Under Inert

**Application notes**

Halogenated derivative of Febrifugine. Used as an antiprotozoal (coccidiostat).



Products for Innovative Research

Catalogue Number

SPEA108492

CAS No.

Chemical Name

Abiraterone-d4

Mol. Formula

$C_{24}H_{27}D_4NO$

Appearance

White to Off-White Solid

Mol Weight.

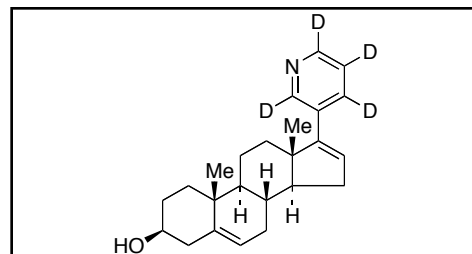
353.53

Solubility

Methanol

Storage

Refrigerator



Application notes

Labelled Abiraterone (A108490). A steroidal cytochrome P 450 17 α -hydroxylase-17,20-lyase inhibitor (CYP17), is currently undergoing phase II clinical trials as a potential drug for the treatment of androgen-dependent prostate cancer.

Catalogue Number

SPET795320

CAS No.

51-24-1

Chemical Name

3,3',5-Triiodo Thyroacetic Acid

Mol. Formula

$C_{14}H_9I_3O_4$

Appearance

White to Off-White Solid

Mol Weight.

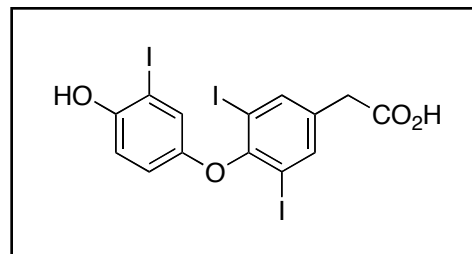
621.93

Solubility

DMSO, Methanol

Storage

Refrigerator



Application notes

Thyroid hormone analogue. A potent Thyroxine impurity.



Products for Innovative Research

Catalogue Number
SPEC256700

CAS No.
483-17-0

Chemical Name
Cephaeline

Mol. Formula

Appearance

$C_{28}H_{38}N_2O_4$

Off-White to Pale Yellow Solid

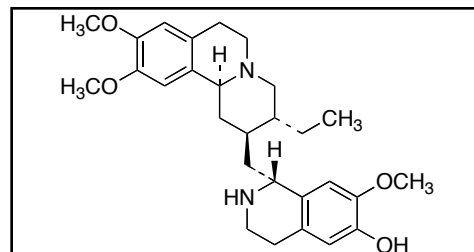
Mol Weight.
466.61

Solubility
Chloroform, Methanol

Storage
-20°C Freezer

Application notes

Has been used as an emetic and expectorant.



Catalogue Number
SPEH954010

CAS No.
50930-57-9

Chemical Name
5-Hydroxysulfapyridine

Mol. Formula

Appearance

$C_{11}H_{11}N_3O_3S$

Yellow Solid

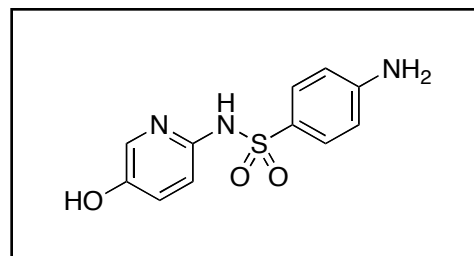
Mol Weight.
265.29

Solubility
DMSO, Methanol

Storage
Refrigerator

Application notes

5-Hydroxysulfapyridine is a hydroxy metabolite of Sulfapyridine (S699083), an antibacterial agent used in the treatment of dermatitis and herpetiformis.



Catalogue Number
SPEL466507

CAS No.

Chemical Name
(R)-Linezolid-d3

Mol. Formula

Appearance

$C_{16}H_{17}D_3FN_3O_4$

Brown Solid

Mol Weight.
340.36

Solubility
Chloroform, Ethyl Acetate

Storage
Refrigerator

Application notes

Labelled analogue of (R)-Linezolid, an enantiomeric impurity of Linezolid (L466500).

