



New Products

August 17, 2015

Catalogue Number

D455700

CAS No.

1322544-82-0

Chemical Name

Di-O-glycinoylcurcumin Dihydrochloride

Mol. Formula

$C_{25}H_{28}Cl_2N_2O_8$

Appearance

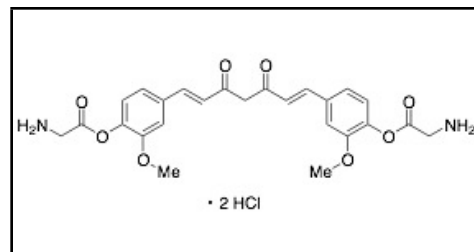
Yellow Solid

Mol Weight.

555.40

Solubility

DMSO (Slightly), Methanol (Slightly)



Storage

Amber Vial, -20°C Freezer, Under inert atmosphere

Application notes

Di-O-glycinoylcurcumin Dihydrochloride is a metabolite of curcumin (C838500), which is a natural phenolic compound. Potent anti-tumor agent having anti-inflammatory and antioxidant properties. Induces apoptosis in cancer cells and inhibits phorbol ester-induced protein kinase C (PKC) activity. Reported to inhibit production of inflammatory cytokines by peripheral blood monocytes and alveolar macrophages. Potent inhibitor of EGFR tyrosine kinase and I κ B kinase. Inhibits inducible nitric oxide synthase (iNOS), cyclooxygenase and lipoxygenase. Easily penetrates into the cytoplasm of cells, accumulating in membranous structures such as plasma membrane, endoplasmic reticulum and nuclear envelope.

Curcumin is currently being examined as a possible therapeutic for the treatment of Alzheimers disease (Chem. and Eng. News 90(31), 44 (2012)).

Catalogue Number

D446130

CAS No.

219719-95-6

Chemical Name

(6 α , 11 β , 16 α , 17 α)-6,9-Difluoro-11-hydroxy-16-methyl-spiro [androst-1,4-diene-17,5'-[1,3]oxathiolane]-2',3,4'-trione

Mol. Formula

$C_{22}H_{24}F_2O_5S$

Appearance

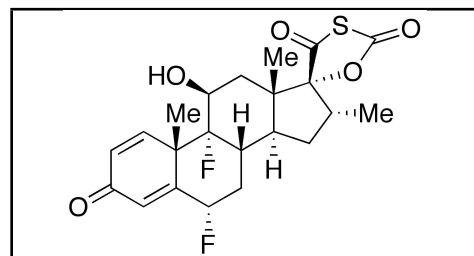
Off-White to Pale Beige Solid

Mol Weight.

438.48

Solubility

DMSO (Slightly), Methanol (Slightly)



Storage

-20°C Freezer

Application notes

An impurity of Fluticasone Propionate (F599500), a derivative of Flumethasone (F455000). An antiallergic; anti-asthmatic; anti-inflammatory.

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Catalogue Number

C987565

CAS No.

181289-16-7

Chemical Name

3-Cyano-5-methylhexanoic Acid

Mol. Formula

$C_8H_{13}NO_2$

Appearance

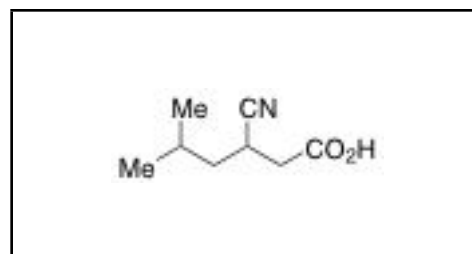
Clear Light Yellow Oil

Mol Weight.

155.19

Solubility

Chloroform (Slightly), Methanol (Slightly)



Storage

Refrigerator, under inert atmosphere

Application notes

3-Cyano-5-methylhexanoic Acid, a derivative of rac-Pregabalin (P704800), a GABA analogue used as an anticonvulsant.

Catalogue Number

C175040

CAS No.

108481-13-6

Chemical Name

10-Camphorsulfonic Acid Ethyl Ester

Mol. Formula

$C_{12}H_{20}O_4S$

Appearance

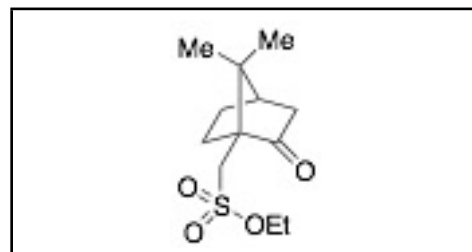
Off-White to Pale Yellow Low

Mol Weight.

260.35

Solubility

Chloroform (Slightly), DMSO



Storage

Hygroscopic, -20°C Freezer, Under inert atmosphere

Application notes

10-Camphorsulfonic Acid Ethyl Ester is a carcinogenic impurity in Esomeprazole Magnesium (E668300), S-Form of Omeprazole. Gastric proton-pump inhibitor.

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Catalogue Number

C365765

CAS No.

14869-41-1

Chemical Name

2-Chloroethoxyacetic Acid

Mol. Formula

C₄H₇ClO₃

Appearance

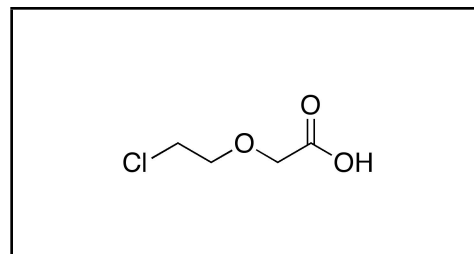
Light Yellow Oil to Pale Yellow Low

Mol Weight.

138.55

Solubility

Chloroform, Methanol



Storage

Refrigerator

Application notes

A metabolite of Bis(2-chloroethyl) Ether.

Catalogue Number

C283502

CAS No.

Chemical Name

Cevimeline-d₄ Hydrochloride Salt (Major)

Mol. Formula

C₁₀H₁₄D₄ClNOS

Appearance

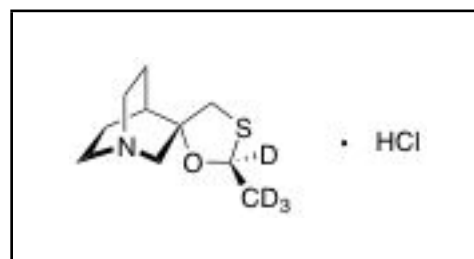
White to Off-White Solid

Mol Weight.

239.80

Solubility

Chloroform (Slightly), Methanol (Slightly),



Storage

Hygroscopic, -20°C Freezer, Under Inert Atmosphere

Application notes

A labelled muscarinic M₁ and M₃ receptor agonist. Sialagogue.



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New Products

August 17, 2015

Catalogue Number

D288727

CAS No.

Chemical Name

25-Desacetyl Rifampicin-d3

Mol. Formula

$C_{41}H_{53}D_3N_4O_{11}$

Appearance

Reddish Orange to Brown Orange

Mol Weight.

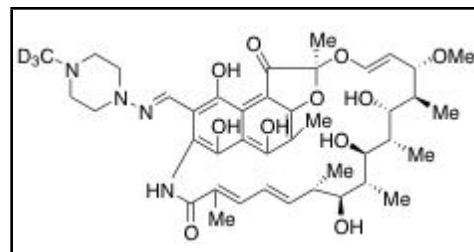
783.92

Solubility

Chloroform (Slightly), Methanol

Application notes

A labelled metabolite of Rifampicin.



Storage

Amber Vial, -20°C Freezer, Under Inert Atmosphere

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