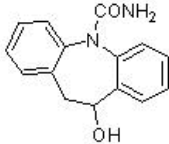


Product datasheet

Licarbazepine (10,11-Dihydro-10-hydroxycarbamazepine), Active oxcarbazepine metabolite ab145867

1 Image

Overview

Product name	Licarbazepine (10,11-Dihydro-10-hydroxycarbamazepine), Active oxcarbazepine metabolite
Description	Active oxcarbazepine metabolite
Biological description	Active metabolite of oxcarbazepine (ab141827). Induces microsomal enzymes <i>via</i> sodium channel protein inhibition. Potentiates minor GABA _A receptor currents; exhibits anticonvulsant activity. Antiepileptic agent. Active <i>in vivo</i> .
Purity	> 99%
CAS Number	29331-92-8
Chemical structure	

Properties

Chemical name	10,11-Dihydro-10-hydroxy-5H-dibenz[b,f]azepine-5-carboxamide
Molecular weight	254.28
Molecular formula	C ₁₅ H ₁₄ N ₂ O ₂
PubChem identifier	114709
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 100 mM and in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions

(FAQ) page for more details.

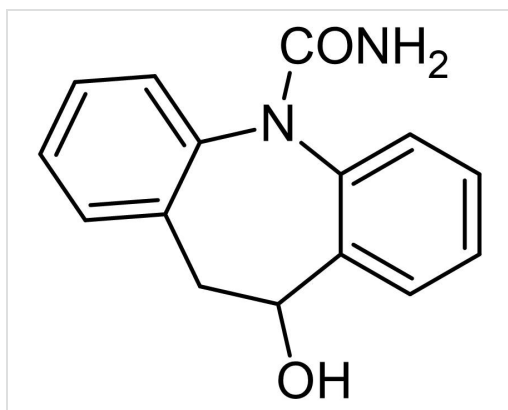
SMILES

C1C(C2=CC=CC=C2N(C3=CC=CC=C31)C(=O)N)O

Source

Synthetic

Images



2D chemical structure image of ab145867, Licarbazepine (10,11-Dihydro-10-hydroxycarbamazepine), Active oxcarbazepine metabolite

Chemical Structure - Licarbazepine (10,11-Dihydro-10-hydroxycarbamazepine), Active oxcarbazepine metabolite (ab145867)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
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