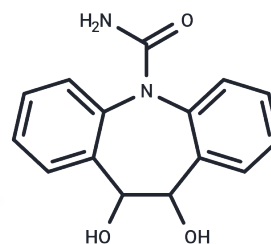


## 10,11-dihydro-10,11-dihydroxy Carbamazepine

## Chemical Properties

CAS No. :	35079-97-1
Formula:	C <sub>15</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	270.28
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	10,11-Dihydro-10,11-dihydroxy Carbamazepine, a metabolite of the anticonvulsant carbamazepine and the antiepileptic prodrug oxcarbazepine, is produced through the biotransformation of carbamazepine via a carbamazepine 10,11-epoxide intermediate by epoxide hydrolase, and from oxcarbazepine via a 10,11-dihydro-10-hydroxy carbamazepine intermediate. This compound has been detected in wastewater effluent, highlighting its environmental presence following pharmaceutical use.
Targets(IC50)	Others,Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6999 mL	18.4993 mL	36.9987 mL
5 mM	0.740 mL	3.6999 mL	7.3997 mL
10 mM	0.370 mL	1.8499 mL	3.6999 mL
50 mM	0.074 mL	0.370 mL	0.740 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481