
Product Data Sheet

Product Name: 10,11-Dihydrocarbamazepine

Cat. No.: GC66057

Chemical Properties

Cas. No. 3564-73-6

Formula $C_{15}H_{14}N_2O$ M.Wt 238.28

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

10,11-Dihydrocarbamazepine is the active metabolite of Oxcarbazepine. 10,11-Dihydrocarbamazepine also is an intermediate. Oxcarbazepine is rapidly and almost completely converted to 10,11-Dihydrocarbamazepine with probable Anticonvulsant efficacy^[1].

Oxcarbazepine is metabolized in the liver to its active metabolite, 10,11-Dihydrocarbamazepine. Oxcarbazepine is an antiepileptic drug (AED) used to treat partial seizures as a monotherapy or adjunctive therapy^[1].

10,11-Dihydrocarbamazepine may be used as a reference standard for the determination of 10,11-dihydrocarbamazepine in pharmaceutical formulations by liquid chromatography (LC)^[1].

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA