

Product Data Sheet

Product Name: Paliperidone palmitate

Cat. No.: GC61167

Chemical Properties

Cas. No. 199739-10-1

SMILES O=C(OC1CCCN(C1=NC(C)=C2CCN3CCC(C4=NOC5=C4C=CC(F)=C5)CC3)C2=O)CCCCCCCCCCCC

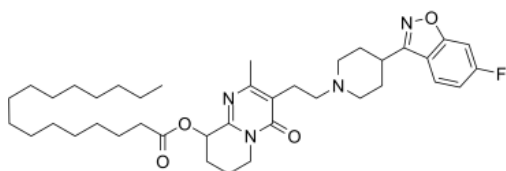
Formula $C_{39}H_{57}FN_4O_4$ M.Wt 664.89

Solubility Ethanol : 2 mg/mL (3.01 mM; Need ultrasonic) Storage 4°C, away from moisture and light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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

Paliperidone palmitate (9-Hydroxyrisperidone palmitate), an atypical long-acting antipsychotic agent, is an ester prodrug of Paliperidone. Paliperidone is a dopamine antagonist and 5-HT_{2A} antagonist of the atypical antipsychotic class. Paliperidone palmitate shows efficacy against schizophrenia[1].

[1]. Kwon JS, et al. Satisfaction of immediate or delayed switch to paliperidone palmitate in patients

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

Product Data Sheet

unsatisfied with current oral atypical antipsychotics. Int Clin Psychopharmacol. 2015;30(6):320-328.

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