
Product Data Sheet

Product Name: Ralfinamide

Cat. No.: GC37069

Chemical Properties

Cas. No. 133865-88-0

SMILES C[C@H](NCC1=CC=C(OCC2=CC=CC=C2F)C=C1)C(N)=OFormula $C_{17}H_{19}FN_2O_2$ M.Wt 302.34Solubility DMSO: ≥ 125 mg/mL (413.44 mM) 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**

Ralfinamide (FCE-26742A) is an orally available Na^{+} channel blocker derived from α -aminoamide, with function of suppressing pain[1]. Sodium Channel[1]

[1]. Zhang SH, et al. Ralfinamide administered orally before hindpaw neurectomy or postoperatively provided long-lasting suppression of spontaneous neuropathic pain-related behavior in the rat. *Pain*. 2008 Oct 15;139(2):293-305. [2]. Liang X, et al. Effects of ralfinamide in models of nerve injury and chemotherapy-induced neuropathic pain. *Eur J Pharmacol*. 2018 Mar 15;823:27-34.

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