
Product Data Sheet

Product Name: Eplivanserin (SR-46349)

Cat. No.: GC31218

Chemical Properties

Cas. No. 130579-75-8

SMILES FC1=CC=CC=C1C(/C=C/C2=CC=C(O)C=C2)=N\OCCN(C)CFormula $C_{19}H_{21}FN_2O_2$ M.Wt 328.38

Solubility Soluble in DMSO Storage Store at -20°C

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

Eplivanserin is a potent, selective and orally available 5-HT₂ receptor antagonist, with an IC₅₀ of 5.8 nM in rat cortical membrane, and a K_d of 1.14 nM.

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Eplivanserin hemifumarate (SR 46349B) inhibits 5-HT₂ receptor binding of [3H]ketanserin with an ED₅₀ of 0.087 mg/kg after i.p. injection, and 0.097 mg/kg after p.o administration in mice[1].

[1]. Rinaldi-Carmona M, et al. Biochemical and pharmacological properties of SR 46349B, a new potent and selective 5-hydroxytryptamine₂ receptor antagonist. J Pharmacol Exp

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

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Ther. 1992 Aug;262(2):759-68.

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