

Product Data Sheet

Product Name: Naratriptan

Cat. No.: GC11959

Chemical Properties

Cas. No. 143388-64-1

Chemical Name N-methyl-2-[3-(1-methylpiperidin-4-yl)-1H-indol-5-yl]ethanesulfonamide;hydrochloride

SMILES CNS(=O)(=O)CCC1=CC2=C(C=C1)NC=C2C3CCN(CC3)C.Cl

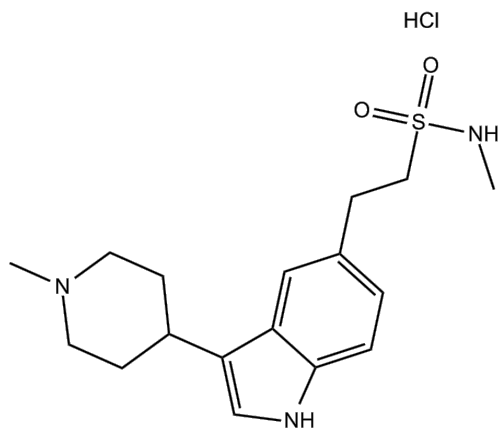
Formula C17H26ClN3O2S M.Wt 371.93

Solubility ≥ 61.1 mg/mL 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

Naratriptan hydrochloride is a selective 5-HT₁ receptor subtype agonist and is a triptan drug that is used for the treatment of migraine headaches. Target: 5-HT₁ Receptor. Naratriptan is a triptan drug marketed by GlaxoSmithKline and is used for the treatment of migraine headaches. Naratriptan is available in 2.5 mg tablets. It is a selective 5-HT₁ receptor subtype agonist. Naratriptan is used for the treatment of the acute migraine attacks and the symptoms of migraine, including severe, throbbing headaches that sometimes are accompanied by nausea and sensitivity to sound or

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

light. The causes of migraine are not clearly understood; however, the efficacy of naratriptans and other triptans is believed to be due to their activity as 5HT (serotonin) agonists. A meta-analysis of 53 clinical trials has shown that all triptans are effective for treating migraine at marketed doses and that naratriptan, although less effective than sumatriptan and rizatriptan was more effective than placebo in reducing migraine symptoms at two hours and efficacy was demonstrated in almost two thirds of subjects after four hours of treatment.

References:

[1]. Connor HE, et al. Naratriptan: biological profile in animal models relevant to migraine. Cephalalgia. 1997 May;17(3):145-52.

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