

Product Data Sheet

Product Name: L-797591 hydrochloride

Cat. No.: GC79316

Chemical Properties

Cas. No. 3026641-74-4

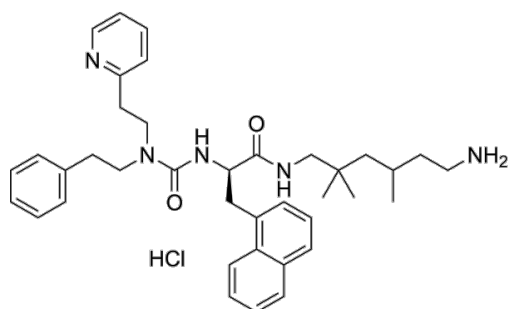
Formula $C_{38}H_{50}ClN_5O_2$ M.Wt 644.29

Solubility DMSO: 55 mg/mL (85.37 mM; Need ultrasonic and warming) 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

L-797591 hydrochloride is a selective sst 1 agonist. L-797591 hydrochloride mimicks the effects of SRIF-14 and SRIF-28 by potently inhibiting either Forskolin-stimulated or CRH-stimulated cAMP accumulation [1].

In Vitro, L-797591 (10⁻⁷ M) hydrochloride inhibits Forskolin-stimulated cAMP accumulation in cortical neuron monolayers[1]. L-797591 (1 μM; 1 h) hydrochloride inhibits CRH-stimulated cAMP

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

accumulation in E17-18 cortical neurons^[1].

References:

[1]. Blake AD, et al. Somatostatin receptor subtype 1 (sst(1)) regulates intracellular 3',5'-cyclic adenosine monophosphate accumulation in rat embryonic cortical neurons: evidence with L-797,591, an sst(1)-subtype-selective nonpeptidyl agonist. *Neuropharmacology*. 2001;40(4):590-596.

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