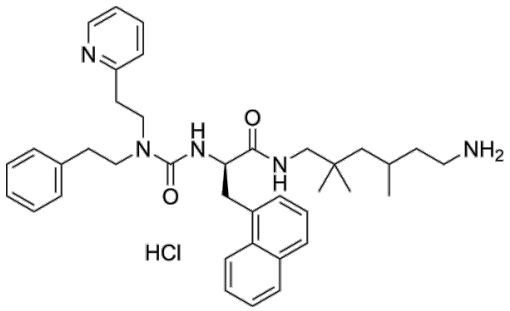
Product Data Sheet

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

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