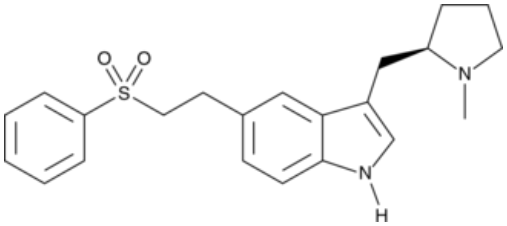
Product Data Sheet

Product Name: Eletriptan
Cat. No.: GC43594

Chemical Properties

Cas. No.	143322-58-1		
SMILES	CN(CCC1)[C@H]1CC2=CNC3=CC=C(CCS(C4=CC=CC=C4)(=O)=O)C=C32		
Formula	C22H26N2O2S	M.Wt	382.5
Solubility	DMF: 10 mg/ml,DMF:PBS(pH 7.2) (1:1): 0.5 mg/ml,DMSO: 10 mg/ml,Ethanol: 0.1 mg/ml	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

Eletriptan is an agonist of the serotonin (5-HT) receptor types 5-HT1B and 5-HT1D. It inhibits forskolin-induced cAMP accumulation in and induces vasoconstriction of isolated rabbit common carotid artery rings (pD2s = 7.6 and 4.9, respectively), an effect that can be blocked by the 5-HT1B antagonist SB216641 but not the 5-HT1D antagonist BRL15572. Eletriptan preferentially induces constriction of isolated human cerebral over coronary arteries (EC50s = 15.8 and 1,995 nM, respectively). Formulations containing eletriptan have been used in the treatment of migraine headache.

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