

Product Data Sheet

Product Name: Alifedrine HCl

Cat. No.: GB62280

Chemical Properties

Cas. No. 72913-80-5

SMILES O=C(C1CCCCC1)CCN[C@@H](C)[C@H](O)C2=CC=CC=C2.[H]Cl

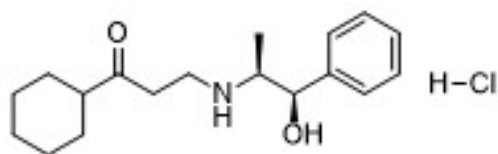
Formula C₁₈H₂₈ClNO₂ M.Wt 325.877

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

Alifedrine, also known as D13625, is a positive inotropic agent. Alifedrine moderately reduces the severity of ischaemia and reperfusion-induced ventricular arrhythmias. Alifedrine has an unusual and useful spectrum of pharmacological activity in that it combines antiarrhythmic activity with an ability to improve cardiac function. Alifedrine in the tested model markedly improved left ventricular function by balanced stimulation of the myocardium and reduction of pre- and afterload.

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