
Product Data Sheet

Product Name: Adaphostin

Cat. No.: GC15579

Chemical Properties

Cas. No. 241127-58-2

Chemical Name 1-adamantyl 4-[(2,5-dihydroxyphenyl)methylamino]benzoate

SMILES C1C2CC3CC1CC(C2)(C3)OC(=O)C4=CC=C(C=C4)NCC5=C(C=CC(=C5)O)OFormula $C_{24}H_{27}NO_4$ M.Wt 393.48

Solubility <39.35mg/ml in DMSO; <39.35mg/ml in ethanol 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**

p210bcr/abl tyrosine kinase inhibitor (IC₅₀ = 14 μM). Induces apoptosis in T-lymphoblastic human leukemia cell lines (IC₅₀ values range from 16.8 to 216.3 nM) in vitro. Displays selectivity for chronic myelogenous leukemia (CML) myeloid progenitors in vit

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