

Adaphostin

Chemical Properties

CAS No.:	241127-58-2
Formula:	C ₂₄ H ₂₇ NO ₄
Molecular Weight:	393.48
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	This compound is a p210bcr/abl tyrosine kinase inhibitor (IC ₅₀ = 14 µM).
In vitro	It also induces apoptosis in T-lymphoblastic human leukemia cell lines (IC ₅₀ values range from 16.8 to 216.3 nM) in vitro.
In vivo	It displays selectivity for chronic myelogenous leukemia myeloid progenitors in vit.

Solubility Information

Solubility	Ethanol: <39.35mg/ml DMSO: <39.35mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.541 mL	12.707 mL	25.414 mL
5 mM	0.508 mL	2.541 mL	5.083 mL
10 mM	0.254 mL	1.271 mL	2.541 mL
50 mM	0.051 mL	0.254 mL	0.508 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481