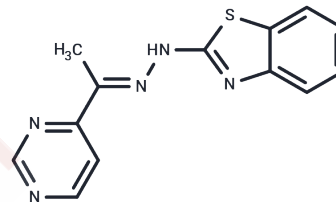


Antiproliferative agent-36

Chemical Properties

CAS No. :	193828-76-1
Formula:	C ₁₃ H ₁₁ N ₅ S
Molecular Weight:	269.33
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Antiproliferative agent-36 is a broad-spectrum anticancer benzothiazolylhydrazone-derived compound that inhibits cell proliferation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7129 mL	18.5646 mL	37.1292 mL
5 mM	0.7426 mL	3.7129 mL	7.4258 mL
10 mM	0.3713 mL	1.8565 mL	3.7129 mL
50 mM	0.0743 mL	0.3713 mL	0.7426 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

J Easmon, et al. (1997). Thiazolyl and benzothiazolyl hydrazones derived from α -(N)-acetylpyridines and diazines: synthesis, antiproliferative activity and CoMFA studies. , 32(5), 397-408.

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