

Dot1L-IN-1 TFA

Chemical Properties

CAS No. :

Formula: C34H37ClF3N9O4S

Molecular Weight: 760.23

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Dot1L-IN-1 TFA is a potent and selective Dot1L inhibitor, characterized by a K_i of 2 pM and an IC ₅₀ of <0.1 nM. It effectively inhibits H3K79 dimethylation (IC ₅₀ = 3 nM) and suppresses the HoxA9 promoter activity (IC ₅₀ = 17 nM) in HeLa and Molm-13 cells, respectively [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3154 mL	6.577 mL	13.1539 mL
5 mM	0.2631 mL	1.3154 mL	2.6308 mL
10 mM	0.1315 mL	0.6577 mL	1.3154 mL
50 mM	0.0263 mL	0.1315 mL	0.2631 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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