

Anticancer agent 35

Chemical Properties

CAS No. :

Formula: C₁₅H₁₃N₃O₃S₃

Molecular Weight: 379.48

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	Anticancer agent 35 (compound 10), a sulfonylurea derivative, is a potent anticancer agent that inhibits A549, A431, and PACA2 cell growth with IC ₅₀ values of 18.1 µg/mL, 4.0 µg/mL, and 18.9 µg/mL, respectively [1].
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6352 mL	13.1759 mL	26.3518 mL
5 mM	0.527 mL	2.6352 mL	5.2704 mL
10 mM	0.2635 mL	1.3176 mL	2.6352 mL
50 mM	0.0527 mL	0.2635 mL	0.527 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.

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