

IDO1-IN-13

Chemical Properties

CAS No. :

Formula: C₂₀H₁₆BrN₅O₂S

Molecular Weight: 470.34

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	IDO1-IN-13 (compound 27a) is a potent IDO1 inhibitor with an IC ₅₀ of 61.6 nM. It inhibits cell IDO1 with an EC ₅₀ of 30 nM for HeLa cells and reduces the kyn/trp ratio by 51% in SK-OV-3 xenograft tumor tissue.
Targets(IC ₅₀)	Others,IDO,Indoleamine 2,3-Dioxygenase (IDO)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1261 mL	10.6306 mL	21.2612 mL
5 mM	0.4252 mL	2.1261 mL	4.2522 mL
10 mM	0.2126 mL	1.0631 mL	2.1261 mL
50 mM	0.0425 mL	0.2126 mL	0.4252 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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