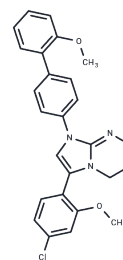


IGUANA-1 free base

Chemical Properties

CAS No. :	2756014-24-9
Formula:	C ₂₆ H ₂₄ ClN ₃ O ₂
Molecular Weight:	445.94
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	IGUANA-1 free base (STL5-T-0057) acts as a selective ALDH1 B1 inhibitor with an IC ₅₀ value of 30 nM, and efficaciously inhibits the growth of SW480 cells in both adherent and spheroid conditions, yielding IC ₅₀ values of 2.46 μM and 0.39 μM, respectively; this compound is utilized in cancer research.
Targets(IC ₅₀)	Others,Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2425 mL	11.2123 mL	22.4245 mL
5 mM	0.4485 mL	2.2425 mL	4.4849 mL
10 mM	0.2242 mL	1.1212 mL	2.2425 mL
50 mM	0.0448 mL	0.2242 mL	0.4485 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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