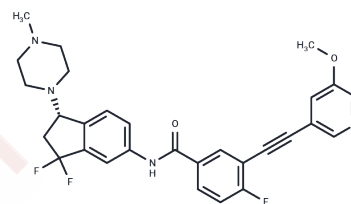


FGFR4-IN-17

Chemical Properties

CAS No. :	3011805-61-8
Formula:	C ₂₉ H ₂₇ F ₃ N ₄ O ₂
Molecular Weight:	520.55
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	FGFR4-IN-17 (Compound (S)-23), a piperazinyl diflurindan derivative featuring a pyridinyl group, functions as an inhibitor of FGFR. It exhibits IC ₅₀ values of 24.2 nM for FGFR1, 16.1 nM for FGFR2, 78.0 nM for FGFR3, and 68.0 nM for FGFR4. Notably, FGFR4-IN-17 demonstrates significant antitumor activity [1].
Targets(IC ₅₀)	FGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.921 mL	9.6052 mL	19.2105 mL
5 mM	0.3842 mL	1.921 mL	3.8421 mL
10 mM	0.1921 mL	0.9605 mL	1.921 mL
50 mM	0.0384 mL	0.1921 mL	0.3842 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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