

SOS1/EGFR-IN-2

Chemical Properties

CAS No. :

Formula: C₂₅H₂₉F₃N₄O₃

Molecular Weight: 490.52

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	SOS1/EGFR-IN-2 (Compound 4) functions as a dual inhibitor of SOS1 and EGFR, exhibiting IC ₅₀ values of 8.3 and 14.6 nM, respectively. It demonstrates significant antiproliferative effects on cancer cells harboring various KRAS mutations.
Targets(IC ₅₀)	EGFR,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0387 mL	10.1933 mL	20.3865 mL
5 mM	0.4077 mL	2.0387 mL	4.0773 mL
10 mM	0.2039 mL	1.0193 mL	2.0387 mL
50 mM	0.0408 mL	0.2039 mL	0.4077 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481