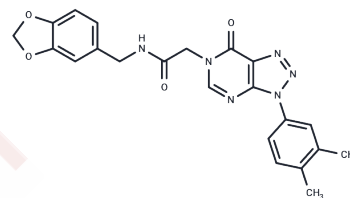


ERK2 allosteric-IN-1

Chemical Properties

CAS No. :	872591-16-7
Formula:	C ₂₂ H ₂₀ N ₆ O ₄
Molecular Weight:	432.43
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	ERK2 allosteric-IN-1 (compound 1) acts as a selective allosteric inhibitor of ERK2, exhibiting an IC ₅₀ value of 11 μM [1].
Targets(IC ₅₀)	ERK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3125 mL	11.5626 mL	23.1251 mL
5 mM	0.4625 mL	2.3125 mL	4.625 mL
10 mM	0.2313 mL	1.1563 mL	2.3125 mL
50 mM	0.0463 mL	0.2313 mL	0.4625 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