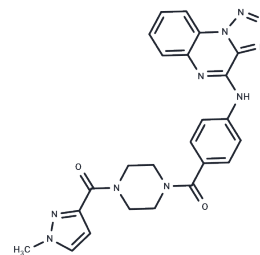


TNKS-IN-41

Chemical Properties

CAS No. : 1584646-59-2
 Formula: C₂₄H₂₂N₁₀O₂
 Molecular Weight: 482.5
 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	TNKS-IN-41 highly potent and selective inhibitor of tankyrase.
Targets(IC50)	Others,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0725 mL	10.3627 mL	20.7254 mL
5 mM	0.4145 mL	2.0725 mL	4.1451 mL
10 mM	0.2073 mL	1.0363 mL	2.0725 mL
50 mM	0.0415 mL	0.2073 mL	0.4145 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.

Reference

Thomson DW, Wagner AJ, Bantscheff M, Benson RE, Dittus L, Duempelfeld B, Drewes G, Krause J, Moore JT, Mueller K, Poeckel D, Rau C, Salzer E, Shewchuk L, Hopf C, Emery JG, Muelbauer M. Discovery of a Highly Selective Tankyrase Inhibitor Displaying Growth Inhibition Effects against a Diverse Range of Tumor Derived Cell Lines. J Med Chem. 2017 Jul 13;60(13):5455-5471. doi: 10.1021/acs.jmedchem.7b00137. Epub 2017 Jun 27. PubMed PMID: 28591512.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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