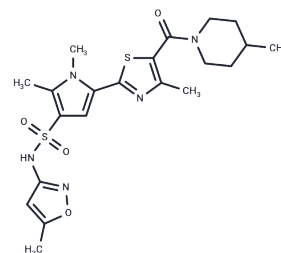


Cas9-IN-2

Chemical Properties

CAS No. :	1030133-34-6
Formula:	C ₂₁ H ₂₇ N ₅ O ₄ S ₂
Molecular Weight:	477.6
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	Cas9-IN-2 is a potent Cas9 inhibitor with an IC ₅₀ of 246 μM. It binds to apo-Cas9, thereby preventing the formation of Cas9:gRNA complexes. Cas9-IN-2 can be used to regulate and control Cas9 activity.
Targets(IC ₅₀)	Others,CRISPR/Cas9

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0938 mL	10.469 mL	20.938 mL
5 mM	0.4188 mL	2.0938 mL	4.1876 mL
10 mM	0.2094 mL	1.0469 mL	2.0938 mL
50 mM	0.0419 mL	0.2094 mL	0.4188 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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