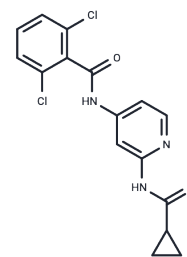


2,6-Dichloro-N-(2-(cyclopropanecarboxamido)pyridin-4-yl)benzamide

Chemical Properties

CAS No. :	1258292-64-6
Formula:	C ₁₆ H ₁₃ Cl ₂ N ₃ O ₂
Molecular Weight:	350.2
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	2,6-Dichloro-N-(2-(cyclopropanecarboxamido)pyridin-4-yl)benzamide (GDC046), a potent lead analog, has good kinase selectivity, physicochemical properties and pharmacokinetic profile.
Targets(IC50)	JAK

Solubility Information

Solubility	DMSO: 250 mg/mL (713.88 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (2.86 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8555 mL	14.2776 mL	28.5551 mL
5 mM	0.5711 mL	2.8555 mL	5.711 mL
10 mM	0.2856 mL	1.4278 mL	2.8555 mL
50 mM	0.0571 mL	0.2856 mL	0.5711 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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