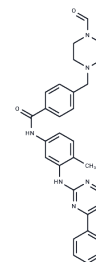


Imatinib carbaldehyde

Chemical Properties

CAS No. :	1436868-85-7
Formula:	C29H29N7O2
Molecular Weight:	507.59
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Imatinib carbaldehyde (also known as CGP-57148B carbaldehyde) is a compound derived from Imatinib, an inhibitor of the ABL protein. Imatinib carbaldehyde binds to the IAP ligand with the assistance of a linker, resulting in the formation of SNIPER[1].
Targets(IC50)	Others,Ligands for Target Protein for PROTAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9701 mL	9.8505 mL	19.7009 mL
5 mM	0.394 mL	1.9701 mL	3.9402 mL
10 mM	0.197 mL	0.985 mL	1.9701 mL
50 mM	0.0394 mL	0.197 mL	0.394 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

Shibata N, et al. Development of protein degradation inducers of oncogenic BCR-ABL protein by conjugation of ABL kinase inhibitors and IAP ligands. *Cancer Sci.* 2017 Aug;108(8):1657-1666.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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