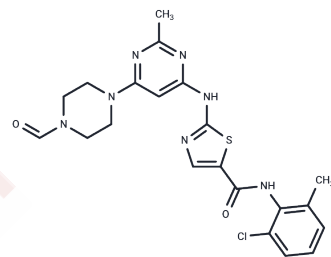


## Dasatinib carbaldehyde

## Chemical Properties

CAS No. :	2112837-79-1
Formula:	C <sub>21</sub> H <sub>22</sub> ClN <sub>7</sub> O <sub>2</sub> S
Molecular Weight:	471.96
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	Dasatinib carbaldehyde (PROTAC ABL binding moiety 4) is based on Dasatinib which is an ABL inhibitor, binds to the IAP ligand via a linker, and forms SNIPER [1].
Targets(IC50)	Ligands for Target Protein for PROTAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1188 mL	10.5941 mL	21.1882 mL
5 mM	0.4238 mL	2.1188 mL	4.2376 mL
10 mM	0.2119 mL	1.0594 mL	2.1188 mL
50 mM	0.0424 mL	0.2119 mL	0.4238 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.

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