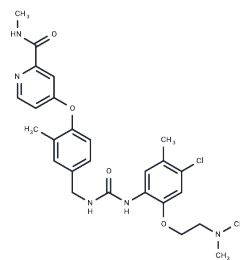


## DDR2-IN-1

## Chemical Properties

CAS No. :	1573053-23-2
Formula:	C <sub>27</sub> H <sub>32</sub> ClN <sub>5</sub> O <sub>4</sub>
Molecular Weight:	526.03
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	DDR2-IN-1 (Compound 129) is recognized as a highly effective DDR2 inhibitor, displaying an IC <sub>50</sub> value of 26 nM. It is a suitable choice for conducting osteoarthritis research.
Targets(IC <sub>50</sub> )	Discoidin Domain Receptor (DDR),Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.901 mL	9.5052 mL	19.0103 mL
5 mM	0.3802 mL	1.901 mL	3.8021 mL
10 mM	0.1901 mL	0.9505 mL	1.901 mL
50 mM	0.038 mL	0.1901 mL	0.3802 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

Margarita Wucherer-Plietker, et al. Inhibiteurs de ddr2 pour le traitement de l'arthrose. Patent WO2014032755A2.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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