

SD133

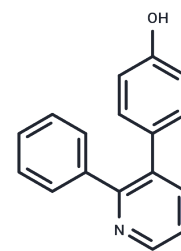
## Chemical Properties

CAS No. : 1239467-61-8

Formula: C<sub>17</sub>H<sub>13</sub>NO

Molecular Weight: 247.29

Storage: Store at low temperature, Store under nitrogen  
 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	SD133 (Sd-133) is a cadherin-11 inhibitor for studying tumors overexpressing cadherin-11.
Targets(IC50)	Cadherin

## Solubility Information

Solubility	DMSO: ≥ 160 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0438 mL	20.2192 mL	40.4384 mL
5 mM	0.8088 mL	4.0438 mL	8.0877 mL
10 mM	0.4044 mL	2.0219 mL	4.0438 mL
50 mM	0.0809 mL	0.4044 mL	0.8088 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

Byers, S. W., et al. Cadherin-11 Inhibitors and Methods of Use Thereof. WO 2010/091384 A2. World Intellectual Property Organization (WIPO) International Bureau. 12 August 2010. Byers, S. W., et al. Cadherin-11 Inhibitors and Methods of Use Thereof. WO 2010/091384 A2. World Intellectual Property Organization (WIPO) International Bureau. 12 August 2010.

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

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