

## Duvelisib (R enantiomer) hydrochloride

### Chemical Properties

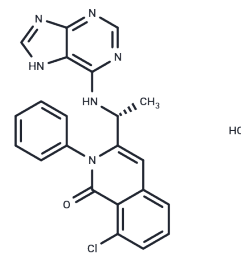
CAS No. :

Formula: C<sub>22</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>6</sub>O

Molecular Weight: 453.32

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	Duvelisib (R enantiomer) hydrochloride (INK1197 R enantiomer HCl) is a PI3K inhibitor. Duvelisib (R enantiomer) hydrochloride is the less active enantiomer of Duvelisib.
Targets(IC50)	PI3K

### Solubility Information

Solubility	DMSO: 12 mg/mL (26.47 mM), 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	2.2059 mL	11.0297 mL	22.0595 mL
5 mM	0.4412 mL	2.2059 mL	4.4119 mL
10 mM	0.2206 mL	1.103 mL	2.2059 mL
50 mM	0.0441 mL	0.2206 mL	0.4412 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

Pingda Ren, et al. Certain chemical entities, compositions and methods. WO 2011008302 A1.

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