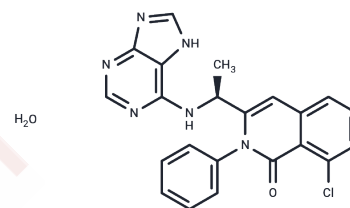


## Duvelisib hydrate

## Chemical Properties

CAS No. :	1386861-49-9
Formula:	C <sub>22</sub> H <sub>19</sub> ClN <sub>6</sub> O <sub>2</sub>
Molecular Weight:	434.884
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, also known as IPI-145 and INK-1197, is an orally bioavailable, highly selective and potent small molecule inhibitor of the delta and gamma isoforms of phosphoinositide-3 kinase (PI3K) with potential immunomodulating and antineoplastic activities. Upon administration, PI3K delta/gamma inhibitor IPI 145 prevents the activation of the PI3K delta/gamma-mediated signaling pathways which may lead to a reduction in cellular proliferation in PI3K delta/gamma-expressing tumor cells. Unlike other isoforms of PI3K, the delta and gamma isoforms are overexpressed primarily in hematologic malignancies and inflammatory and autoimmune diseases.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2995 mL	11.4974 mL	22.9948 mL
5 mM	0.4599 mL	2.2995 mL	4.599 mL
10 mM	0.2299 mL	1.1497 mL	2.2995 mL
50 mM	0.046 mL	0.2299 mL	0.4599 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.

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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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