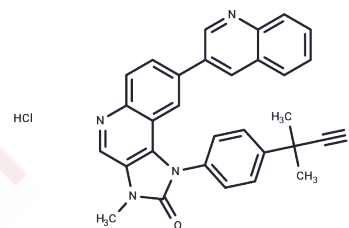


Dactolisib hydrochloride

Chemical Properties

CAS No. :	2319647-83-9
Formula:	C ₃₀ H ₂₄ ClN ₅ O
Molecular Weight:	506
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	Dactolisib (BEZ235) hydrochloride is an orally active dual inhibitor of pan-class I PI3K and mTOR, targeting p110 α / γ / δ / β and mTOR, with IC ₅₀ values of 4 nM, 5 nM, 7 nM, 75 nM, and 20.7 nM, respectively. It inhibits both mTORC1 and mTORC2.
Targets(IC ₅₀)	Autophagy,mTOR,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9763 mL	9.8814 mL	19.7628 mL
5 mM	0.3953 mL	1.9763 mL	3.9526 mL
10 mM	0.1976 mL	0.9881 mL	1.9763 mL
50 mM	0.0395 mL	0.1976 mL	0.3953 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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