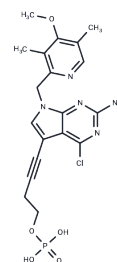


BIIB028

Chemical Properties

CAS No. : 911398-13-5
 Formula: C₁₉H₂₁ClN₅O₅P
 Molecular Weight: 465.83
 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	BIIB028 is a small-molecule inhibitor of heat shock protein (Hsp) 90 with potential antineoplastic activity. Hsp90 inhibitor BIIB028 blocks the binding of oncogenic client proteins to Hsp90, which may result in the proteasomal degradation of these proteins and so the inhibition of tumor cell proliferation. Hsp90 is a molecular chaperone that plays a key role in the conformational maturation of oncogenic signaling proteins, such as Her2/ErbB2, Akt, Raf1, Bcr-Abl, and mutated p53, in addition to other molecules involved in cell cycle regulation and immune responses.
Targets(IC50)	Others,HSP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1467 mL	10.7335 mL	21.4671 mL
5 mM	0.4293 mL	2.1467 mL	4.2934 mL
10 mM	0.2147 mL	1.0734 mL	2.1467 mL
50 mM	0.0429 mL	0.2147 mL	0.4293 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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