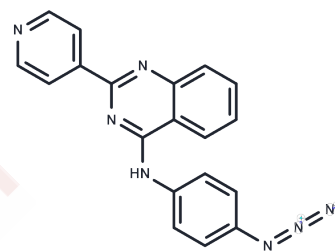


BCRP-IN-2

Chemical Properties

CAS No. : 2953730-35-1
 Formula: C₁₉H₁₃N₇
 Molecular Weight: 339.35
 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	BCRP-IN-2 is a compound with BCRP inhibitory activity, exhibiting enhanced inhibition of BCRP upon UV activation. It serves as a valuable probe for studying interactions between quinazoline amine derivatives and BCRP, and it stimulates ATP hydrolysis of the BCRP transporter, leading to increased mitoxantrone accumulation in BCRP-overexpressing H460/MX20 cells.
Targets(IC50)	BCRP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9468 mL	14.7341 mL	29.4681 mL
5 mM	0.5894 mL	2.9468 mL	5.8936 mL
10 mM	0.2947 mL	1.4734 mL	2.9468 mL
50 mM	0.0589 mL	0.2947 mL	0.5894 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

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