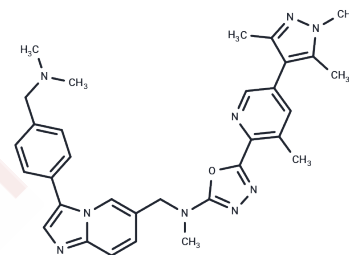


AZ 14145845

Chemical Properties

CAS No. : 2830555-70-7
 Formula: C32H35N9O
 Molecular Weight: 561.68
 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	AZ 14145845, a potent and highly selective dual Mer/Axl kinase inhibitor (pIC50 = 7 nM and 7.8 nM in pAxl and pMer, respectively), demonstrates significant efficacy in reducing tumor growth in a dose-dependent manner within the Mer and Axl kinase Ba/F3 tumor xenograft model in vivo. When combined with anti-PD1 antibodies and ionizing radiation, this compound enhances survival rates in mice bearing MC38-derived tumors. Additionally, AZ 14145845 is orally bioavailable.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7804 mL	8.9019 mL	17.8037 mL
5 mM	0.3561 mL	1.7804 mL	3.5607 mL
10 mM	0.178 mL	0.8902 mL	1.7804 mL
50 mM	0.0356 mL	0.178 mL	0.3561 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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