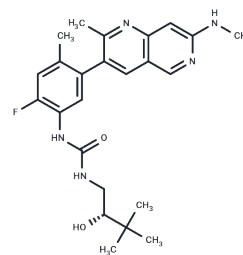


LSN3074753

Chemical Properties

CAS No. : 1455031-68-1
 Formula: C₂₄H₃₀FN₅O₂
 Molecular Weight: 439.53
 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	LSN3074753, a derivative of LY3009120, acts as a pan-RAF and Raf dimer inhibitor. This compound exhibits inhibitory activity against tumor cells driven by either BRAF monomers or RAF dimers, particularly in the activation of the MAPK pathway, including colorectal cancers with BRAF or KRAS mutations. When combined with Cetuximab, LSN3074753 demonstrates additive and synergistic effects in colorectal cancer PDX models, especially in those harboring KRAS or BRAF mutations.
Targets(IC50)	Raf,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2752 mL	11.3758 mL	22.7516 mL
5 mM	0.455 mL	2.2752 mL	4.5503 mL
10 mM	0.2275 mL	1.1376 mL	2.2752 mL
50 mM	0.0455 mL	0.2275 mL	0.455 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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