

MRTX849 ethoxypropanoic acid

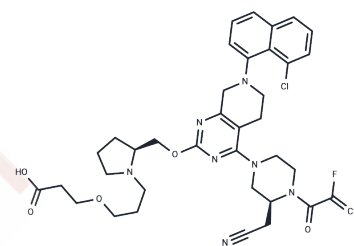
Chemical Properties

CAS No. : 2561529-98-2

Formula: C37H43ClFN7O5

Molecular Weight: 720.24

Storage: Keep away from direct sunlight
 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	MRTX849 ethoxypropanoic acid is a compound that contains a ligand for KRAS G12C and a PROTAC linker. It is commonly employed in the synthesis of PROTAC LC-2, which is a highly effective and innovative PROTAC. LC-2 has been proven to degrade endogenous KRAS G12C with remarkable potency, exhibiting DC50 values ranging from 0.25 to 0.76 μ M.
Targets(IC50)	Others,Target Protein Ligand-Linker Conjugates,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3884 mL	6.9421 mL	13.8843 mL
5 mM	0.2777 mL	1.3884 mL	2.7769 mL
10 mM	0.1388 mL	0.6942 mL	1.3884 mL
50 mM	0.0278 mL	0.1388 mL	0.2777 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.

Reference

Bond MJ, et al. Targeted Degradation of Oncogenic KRASG12C by VHL-Recruiting PROTACs. ACS Cent Sci. 2020;6(8): 1367-1375.

De Vita E, et al. The Missing Link between (Un)druggable and Degradable KRAS. ACS Cent Sci. 2020;6(8):1281-1284.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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