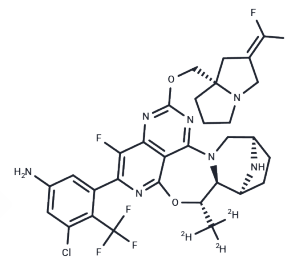


KRASG12D-IN-3-D3

Chemical Properties

CAS No. : 3033638-69-3
 Formula: C₃₁H₂₇D₃ClF₆N₇O₂
 Molecular Weight: 685.08
 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	KRASG12D-IN-3-D3 is the deuterium labeled KRASG12D-IN-3. KRASG12D-IN-3 (T206049) (compound Z1084) is a KRASG12D inhibitor with oral bioactivity that can effectively inhibit the growth of tumor cells AGS and AsPC-1, with IC ₅₀ values of 0.38 nM and 1.23 nM, respectively.
Targets(IC ₅₀)	Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4597 mL	7.2984 mL	14.5968 mL
5 mM	0.2919 mL	1.4597 mL	2.9194 mL
10 mM	0.146 mL	0.7298 mL	1.4597 mL
50 mM	0.0292 mL	0.146 mL	0.2919 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

Tao Jiang, et al. Pyrimidine-fused ring compound, and preparation method therefor and use thereof. WO2024061370A1.

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