

Product Data Sheet

Product Name: KRASG12D-IN-2

Cat. No.: GC73724

Chemical Properties

Cas. No.

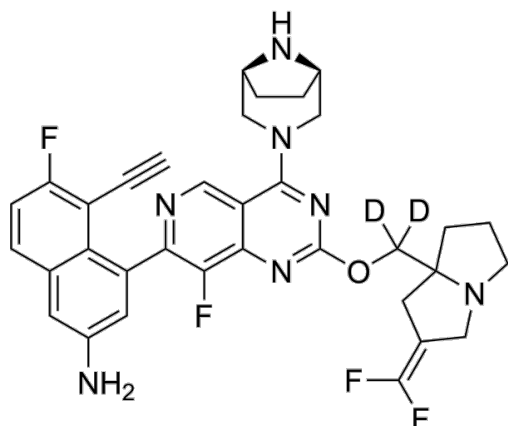
Formula $C_{34}H_{29}D_2F_4N_7O$ M.Wt 631.66

Solubility DMSO : 250 mg/mL (395.78 mM; Storage -20°C
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Caution: Product has not been fully validated for medical applications. For research use only.

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KRASG12D-IN-2 (compound 28) is a KRASG12D Inhibitor. KRASG12D-IN-1 has dose-dependent anti-tumor efficacy in the AsPC-1 xenograft mouse models with a tumor growth inhibition.

References:

[1]. Xiao X, et al. Design, Synthesis, and Pharmacological Evaluation of Multisubstituted Pyrido[4,3-d]pyrimidine Analogues Bearing Deuterated Metlene Linkers as Potent KRASG12D Inhibitors. J Med Chem. 2023 Nov 3.

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