
Product Data Sheet

Product Name: BI-2865
Cat. No.: GC68760

Chemical Properties

Cas. No. 2937327-93-8

Formula $C_{23}H_{27}N_7O_2S$ M.Wt 465.57

Solubility Storage Store at -20°C

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

BI-2865 is a none-covalent pan**KRAS** Inhibitor. BI-2865 binds to WT, G12C, G12D, G12V and G13D mutant KRAS with **K_D**s of 6.9, 4.5, 32, 26, 4.3 nM respectively. BI-2865 inhibits the proliferation of G12C, G12D or G12V mutant KRAS expressing BaF3 cells (mean IC₅₀: roughly 140 nM)^[1].

[1]. Kim D, et al. Pan-KRAS inhibitor disables oncogenic signalling and tumour growth. Nature. 2023 May 31.

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

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