

Product Data Sheet

Product Name: PROTAC AAK1 degrader-1

Cat. No.: GC81036

Chemical Properties

Cas. No. 3113123-63-7

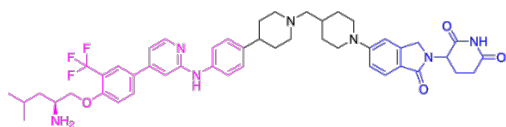
Formula $C_{48}H_{56}F_3N_7O_4$ M.Wt 852

Solubility DMSO: 100 mg/mL (117.37 mM; Need ultrasonic) 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

PROTAC AAK1 degrader-1 (compound 14) is a selective PROTAC AAK1 degrader with a DC_{50} of <10 nM. PROTAC AAK1 degrader-1 does not significantly impact the levels of any other NAK family members, including BMP2K, GAK, and STK16. PROTAC AAK1 degrader-1 can be used in ovarian

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

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cancer research [1].

In Vitro, PROTAC AAK1 Degradator-1 (1-100 nM, 1-24 h)'s effect on AAK1 protein levels is rapid, noticeable within one hour, and lasted for 3-4 days after 4-hour 14 treatment followed by extensive drug wash-off. PROTAC AAK1 Degradator-1 is also effective in reducing AAK1 levels in a panel of ovarian cancer cell lines including Taxane-resistant sublines (A2780- R and HEY-R) as well as various other cancer types[1].

References:

[1]. Guangrong Zheng, et al. WO2026011086A1. 2025.

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