

Product Data Sheet

Product Name: AZD4747

Cat. No.: GC73533

Chemical Properties

Cas. No. 2489226-14-2

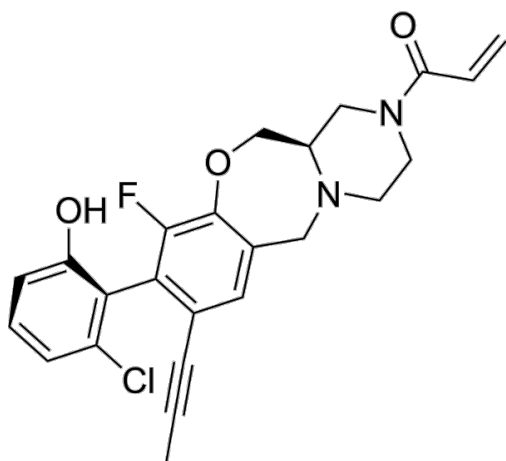
Formula $C_{24}H_{22}ClFN_2O_3$ M.Wt 440.89

Solubility DMSO : 250 mg/mL (567.03 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

AZD4747 is a selective, blood-brain barrier-permeable mutant GTPase KRASG12C inhibitor. AZD4747 has the potential to study cancer.

AZD4747 (1.1-2.3 μ M/kg (i.v.); 2.3-6.8 μ M/kg (p.o.); single) shows clearances of moderate to high, with 52 and 75% of hepatic blood flow for the mouse and rat, respectively[1].

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

[1]. Kettle JG, et al. Discovery of AZD4747, a Potent and Selective Inhibitor of Mutant GTPase KRASG12C with Demonstrable CNS Penetration. J Med Chem. 2023 Jul 13;66(13):9147-9160.

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