

Product Data Sheet

Product Name: MS15 TFA

Cat. No.: GC73358

Chemical Properties

Cas. No.

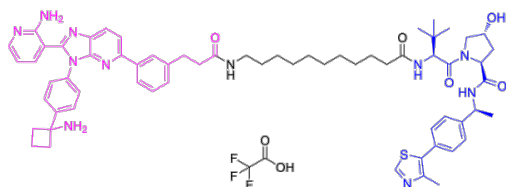
Formula $C_{66}H_{80}F_3N_{11}O_7S$ M.Wt 1228.47

Solubility DMSO : ≥ 100 mg/mL (81.40 mM) Storage -80°C, protect from light, stored under nitrogen

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

MS15 TFA is a potent and selective AKT PROTAC degrader. MS15 TFA inhibits the AKT1, -2, and -3 activities, with IC₅₀ values of 798 nM, 90 nM, and 544 nM, respectively.

MS15 (75 mg/kg, IP, once) is bioavailable in mice through intraperitoneal administration[1].

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

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

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References:

[1]. Yu X, et al. Novel Allosteric Inhibitor-Derived AKT Proteolysis Targeting Chimeras (PROTACs) Enable Potent and Selective AKT Degradation in KRAS/BRAF Mutant Cells. J Med Chem. 2022 Oct 27;65(20):14237-14260.

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