

Product Data Sheet

Product Name: HaloAUTAC tt15

Cat. No.: GC81897

Chemical Properties

Cas. No. 2241668-45-9

Formula $C_{33}H_{49}Cl_2N_7O_8S$ M.Wt 774.76

Solubility DMSO: 100 mg/mL (129.07 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

HaloAUTAC tt15 is an autophagy-targeting chimera (AUTAC), that targets the Halo Tag carrying proteins, and degrades via the autophagy mechanism [1].

In Vitro, HaloAUTAC tt15 (1 μ M, 24 h) degrades EGFP-HT protein (enhanced green fluorescence protein-fused HaloTag) in HeLa cell [1].

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

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References:

[1]. Takahashi D, et al., Second-Generation AUTACs for Targeted Autophagic Degradation. J Med Chem. 2023 Sep 14;66(17):12342-12372.

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