
Product Data Sheet

Product Name: ABC44
Cat. No.: GC64555

Chemical Properties

Cas. No. 1831135-46-6

Formula C₃₁H₄₀N₆O₅ M.Wt 576.69

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

ABC44 is a potent serine hydrolase inhibitor with IC₅₀s of 0.1 μM and 6.5 μM for palmitoyl protein thioesterase 1 (PPT1) in situ and in vitro, respectively. ABC44 can be used for researching infantile neuronal ceroid lipofuscinosis[1].

[1]. Cognetta AB 3rd, Niphakis MJ, Lee HC, Martini ML, Hulce JJ, Cravatt BF. Selective N-Hydroxyhydantoin Carbamate Inhibitors of Mammalian Serine Hydrolases. Chem Biol. 2015 Jul 23;22(7):928-37.

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

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