
Product Data Sheet

Product Name: Ac32Az19

Cat. No.: GC68596

Chemical Properties

Cas. No. 2760674-72-2

Formula C₃₇H₃₃N₃O₆

M.Wt 615.67

Solubility DMSO : 60 mg/mL (97.45 mM; Need ultrasonic)

Storage 4°C, away from moisture and light

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**

Ac32Az19 is a potent, nontoxic, and highly selective BCRP inhibitor with an **EC₅₀** value of 13 nM in the BCRP-overexpressed HEK293/R2 cells.

[1]. Wong ILK, et al. Flavonoid Monomers as Potent, Nontoxic, and Selective Modulators of the Breast Cancer Resistance Protein (ABCG2). J Med Chem. 2021 Oct 14;64(19):14311-14331.

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

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