
Product Data Sheet

Product Name: WS-898
Cat. No.: GC67920

Chemical Properties

Cas. No.

Formula C₃₃H₂₅N₇O₅ M.Wt 567.66

Solubility DMSO : ≥ 25 mg/mL (44.04 mM) 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

WS-898 is a highly effective **ABCB1** inhibitor capable of reversing paclitaxel (PTX) resistance in drug-resistant SW620/Ad300, KB-C2, and HEK293/ABCB1 cells (**IC₅₀** = 5.0, 3.67, and 3.68 nM, respectively).

[1]. Wang S, et al. Discovery of the Triazolo[1,5-a]Pyrimidine-Based Derivative WS-898 as a Highly Efficacious and Orally Bioavailable ABCB1 Inhibitor Capable of Overcoming Multidrug Resistance. J Med Chem. 2021 Nov 11;64(21):16187-16204.

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

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