

Product Data Sheet

Product Name: cis-V-11-0711

Cat. No.: GC81687

Chemical Properties

Cas. No. 1428338-79-7

Formula $C_{27}H_{35}NO_3$

M.Wt 421.57

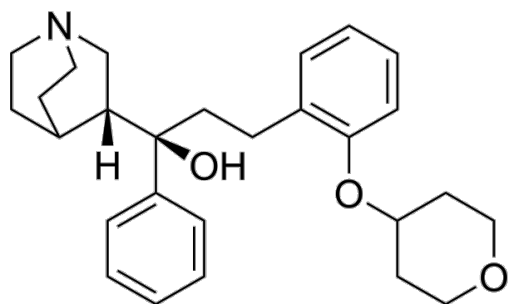
Solubility

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

cis-V-11-0711 is the cis form of V-11-0711. V-11-0711 is a potent and selective Chk- α ($IC_{50} = 20$ nM) inhibitor. V-11-0711 can significantly reduce PCho levels. V-11-0711 causes a reversible growth arrest. V-11-0711 induces apoptosis at high concentrations. V-11-0711 can be used for the study of cervical cancer and triple-negative breast cancer [1] [2].

References:

[1]. Falcon SC, et al. A non-catalytic role of choline kinase alpha is important in promoting cancer cell survival. *Oncogenesis*. 2013;2(3):e38.

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

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[2]. Mori N, et al. Choline kinase- α protein and phosphatidylcholine but not phosphocholine are required for breast cancer cell survival. NMR Biomed. 2015 Dec;28(12):1697-706.

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