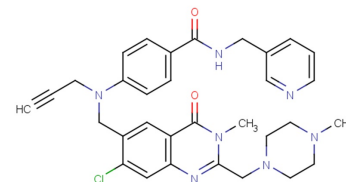


Data Sheet (Cat.No.T14879)

CB 300919

Chemical Properties

CAS No.:	289715-28-2
Formula:	C ₃₂ H ₃₄ ClN ₇ O ₂
Molecular Weight:	584.11
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	CB 300919 is a quinazoline-based antitumor agent with high activity in the CH1 human ovarian tumor xenograft and has continuous exposure (96 h) growth inhibition (IC ₅₀ : 2 nM).
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 100 mg/mL (171.20 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.712 mL	8.56 mL	17.12 mL
5 mM	0.342 mL	1.712 mL	3.424 mL
10 mM	0.171 mL	0.856 mL	1.712 mL
50 mM	0.034 mL	0.171 mL	0.342 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

- Lockman JW, et al. Analogues of 4-[(7-Bromo-2-methyl-4-oxo-3H-quinazolin-6-yl)methylprop-2-ynylamino]-N-(3-pyridylmethyl)benzamide (CB-30865) as Potent Inhibitors of Nicotinamide Phosphoribosyltransferase (Namp). J. Med. Chem., 2010, 53 (24), pp 8734-8746
- Bavetsias, V. et al. The Design and Synthesis of Water-Soluble Analogues of CB30865, a Quinazolin-4-one-Based Antitumor Agent. Journal of Medicinal Chemistry (2002), 45(17), 3692-3702.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481