

Product Data Sheet

Product Name: BN-82685

Cat. No.: GC72918

Chemical Properties

Cas. No. 477603-18-2

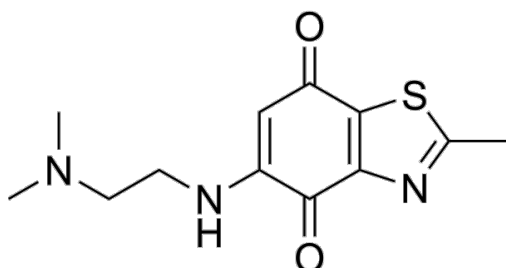
Formula $C_{12}H_{15}N_3O_2S$ M.Wt 265.33

Solubility DMSO : 100 mg/mL (376.89 mM; Storage 4°C, protect from light
Need ultrasonic)

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

BN-82685 is a a quinone-based CDC25 inhibitor with IC50 of 201 nM, 117 nM, 109 nM, 160 nM, 249

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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nM, for CDC25C, CDC25C-cat, CDC25A, CDC25B2, CDC25B3, respectively. BN-82685 plays an important role in cancer research.

References:

[1]. Marie-Christine Brezak, et al. IRC-083864, a novel bis quinone inhibitor of CDC25 phosphatases active against human cancer cells. Int J Cancer. 2009 Mar 15;124(6):1449-56.

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