

Product Data Sheet

Product Name: LY3295668 (AK-01)

Cat. No.: GC33057

Chemical Properties

Cas. No. 1919888-06-4

SMILES O=C([C@@]1(CC2=NC(NC3=NNC(C)=C3)=CC=C2F)C[C@@H](C)N(CC4=CC=CC(CI)=C4F)CC1)O

Formula $C_{24}H_{26}ClF_2N_5O_2$ M.Wt 489.95

Solubility DMSO : 150 mg/mL (306.15 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.

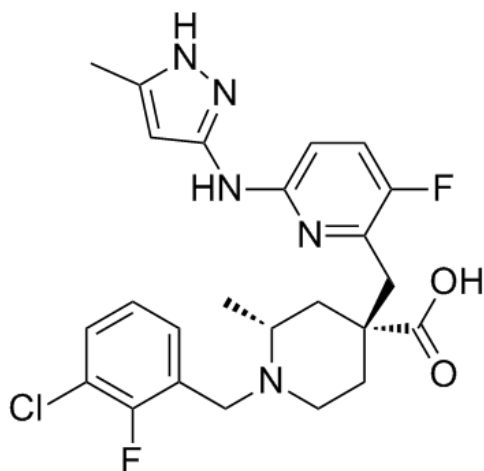
Caution: Product has not been fully validated for medical applications. For research use only.

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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Structure



Background

LY3295668 is a potent, orally active and highly specific Aurora-A kinase inhibitor, with K_i values of 0.8 nM and 1038 nM for AurA and AurB, respectively.

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[1]. Gong X, et al. Aurora-A kinase inhibition is synthetic lethal with loss of the RB1 tumor suppressor gene. Cancer Discov. 2018 Oct 29. pii: CD-18-0469.

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