

Product Data Sheet

Product Name: GSK2983559

Cat. No.: GC36189

Chemical Properties

Cas. No. 1579965-12-0

SMILES CC(C)(C)S(C(C(OCCOP(=O)([O-])=O)=CC1=NC=N2)=CC1=C2NC3=CC(N=CS4)=C4C=C3)(=O)=O.[H]O[H].[H]O[H].[H]O[H].[Ca+2].[1/2]

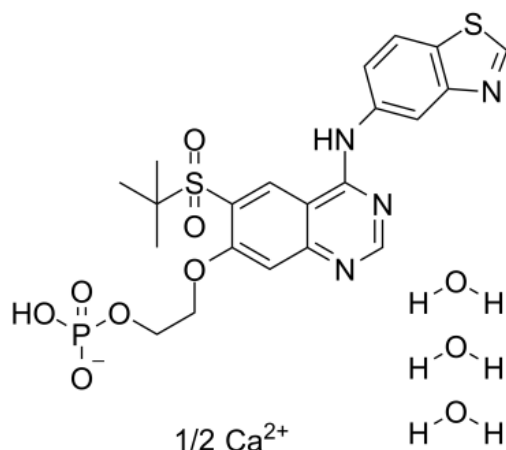
Formula $C_{21}H_{28}CaN_4O_{10}PS_2$ M.Wt 611.61

Solubility DMF: slightly soluble, DMSO: 1 mg/ml, PBS (pH 7.2): 1 mg/ml
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

GSK2983559 (compound 3) is a potent, specific and oral bioavailable receptor interacting protein 2 (RIP2) kinase inhibitor, which has excellent activity in blocking many proinflammatory cytokine responses in vivo and in human inflammatory bowel disease explant samples[1]. RIP2[1]

[1]. Haile PA, et al. Discovery of a First-in-Class Receptor Interacting Protein 2 (RIP2) Kinase

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

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

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Specific Clinical Candidate, 2-((4-(Benzo[d]thiazol-5-ylamino)-6-(tert-butylsulfonyl)quinazolin-7-yl)oxy)ethyl Dihydrogen Phosphate, for the Treatment of Inflammatory Diseases. J Med Chem. 2019 Jul 25;62(14):6482-6494.

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