

Product Data Sheet

Product Name: GSK2983559 free acid

Cat. No.: GC38037

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

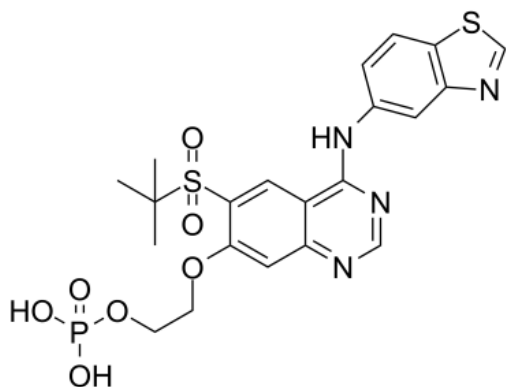
Formula $C_{21}H_{23}N_4O_7PS_2$ M.Wt 538.53

Solubility DMSO: 5 mg/mL (9.28 mM); ultrasonic and warming and heat to 80°C) 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 free acid (compound 3) is a potent, specific and oral bioavailable receptor interacting protein 2 (RIP2) kinase inhibitor. GSK2983559 free acid has excellent activity in blocking many proinflammatory cytokine responses in vivo and in human inflammatory bowel disease explant samples[1].

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

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