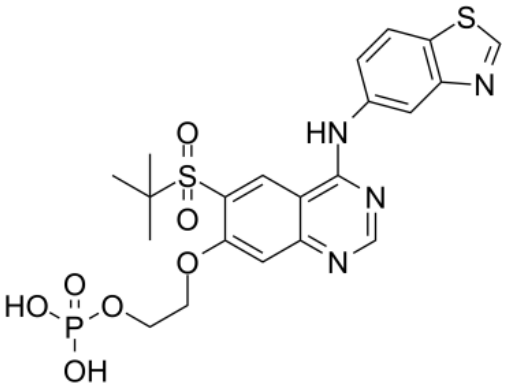
Product Data Sheet

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.
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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[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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