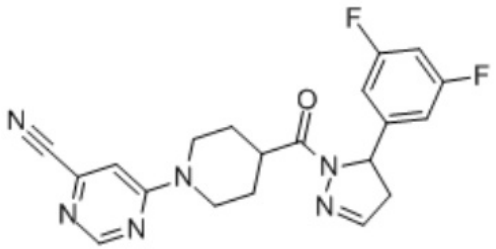
Product Data Sheet

Product Name: Rac-GSK547
Cat. No.: GC37065

Chemical Properties

Cas. No.			
SMILES	N#CC1=NC=NC(N2CCC(C(N3N=CCC3C4=CC(F)=CC(F)=C4)=O)CC2)=C1		
Formula	$C_{20}H_{18}F_2N_6O$	M.Wt	396.39
Solubility	DMSO: ≥ 125 mg/mL (315.35 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.		
Structure			



Background

Rac-GSK547 is the racemate of GSK547. GSK547 is a highly selective and potent inhibitor of receptor-interacting serine/threonine protein kinase 1 (RIP1), inhibits macrophage-mediated adaptive immune tolerance in pancreatic cancer[1].

[1]. Wang W, et al. RIP1 Kinase Drives Macrophage-Mediated Adaptive Immune Tolerance in

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Pancreatic Cancer. Cancer Cell. 2018 Nov 12;34(5):757-774.e7.