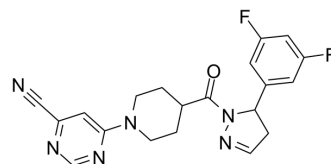


(Rac)-GSK547

Cat. No.:	HY-114492A
Molecular Formula:	C ₂₀ H ₁₈ F ₂ N ₆ O
Molecular Weight:	396.39
Target:	RIP kinase
Pathway:	Apoptosis
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 125 mg/mL (315.35 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	2.5228 mL	12.6138 mL	25.2277 mL
	5 mM	0.5046 mL	2.5228 mL	5.0455 mL	
	10 mM	0.2523 mL	1.2614 mL	2.5228 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(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].

REFERENCES

[1]. Wang W, et al. RIP1 Kinase Drives Macrophage-Mediated Adaptive Immune Tolerance in Pancreatic Cancer. *Cancer Cell*. 2018 Nov 12;34(5):757-774.e7.

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

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