

Data Sheet

Product Information

Catalog Number	BP10314
Product Name	TCS 21311
Description	TCS 21311 (NIBR3049) is a potent, highly selective JAK3 inhibitor with an IC ₅₀ of 8 nM, it displays >100-fold selectivity over JAK1, JAK2 and TYK2. TCS 21311 (NIBR3049) inhibits PKC α , PKC θ , and GSK3 β with IC ₅₀ s of 13, 68, and 3 nM, respectively.
Targets&IC ₅₀	JAK2: 2.55 μ M, PKC α : 13 nM, JAK1: 1.017 μ M, PKC θ : 68 nM, JAK3: 8 nM, GSK-3 β : 3 nM
Synonyms	NIBR3049
CAS No.	1260181-14-3
Chemical Formula	C ₂₇ H ₂₅ F ₃ N ₄ O ₄
Molecular Weight	526.516
Solubility	DMSO: $\geq$ 53 mg/mL (129.13 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

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