

**PIM447 (LGH447)**

Cat# C4048

INFORMATION

Catalog Number	C4048
Size	1mg/5mg/10mg
Application	Inhibitor
Description	PIM447 is a novel pan-PIM kinase inhibitor with K_i values of 6 pM, 18 pM, 9 pM for PIM1, PIM2, PIM3 respectively. It also inhibits GSK3 β , PKN1, and PKC τ , but at a significantly lower potency with IC ₅₀ between 1 and 5 μ M (>105-fold differential relative to the K_i on PIMs).
Cas NO.	1210608-43-7 (free-base)
Purity	\geq 98%
Molecular Weight	476.92
Formula	C ₂₄ H ₂₃ F ₃ N ₄ O.HCl
Solubility	DMSO : 88 mg/mL Ethanol : 88 mg/mL Water : Insoluble
Alias	LGH447
Target / IC₅₀	Pim1 : 6 pM Pim2 : 18 pM Pim3 : 9 pM
Storage	Powder : -20°C for 3 years

Mass Conc.	1 mg	5 mg	10 mg
1 mM	2.0968 mL	10.4839 mL	20.9679 mL
5 mM	0.4194 mL	2.0968 mL	4.1936 mL
10 mM	0.2097 mL	1.0484 mL	2.0968 mL

