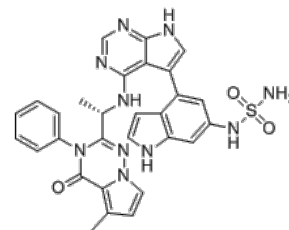


Product Name	: LAS195319
Synonyms	: LAS-195319; LAS 195319
Cat No.	: M12307
CAS Number	: 1605328-04-8
Molecular Formula	: C ₂₉ H ₂₆ N ₁₀ O ₃ S
Formula Weight	: 594.65
Chemical Name	: N-[4-(4-[(1S)-1-(5-Methyl-4-oxo-3-phenyl-3,4-dihydropyrrolo[2,1-f][1,2,4]triazin-2-yl)ethyl]amino)-7H-pyrrolo[2,3-d]pyrimidin-5-yl)-1H-indol-6-yl]sulfamide
Description	: LAS195319 (LAS-195319) is a potent, selective, inhaled PI3Kδ inhibitor with IC ₅₀ of 0.5 nM, weakly inhibits PI3Kβ and γ (>20-fold), no activity against PI3Kα; inhibits M-CSF induced pAkt (Thr308) in THP-1 cells with IC ₅₀ of 2.7 nM; inhibits inflammatory cell infiltration induced by OVA challenge in a Brown Norway rat model.
Pathway	: PI3K/Akt/mTOR signaling
Target	: PI3K
Receptor	: PI3K
Solubility	: —
SMILES	: <chem>CC1=C2C(=O)N(C(=NN2C=C1)C(C)NC3=NC=NC4=C3C(=CN4)C5=C6C=CNC6=CC(=C5)NS(=O)(=O)N)C7=CC=CC=C7</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Erra M, et al. J Med Chem. 2018 Oct 29. doi: 10.1021/acs.jmedchem.8b00873.