

Product Name	: GSK 256066 Trifluoroacetate
Synonyms	: GSK-256066; GSK256066 (2,2,2-trifluoroacetic acid)
Cat No.	: M11725
CAS Number	: 1415560-64-3
Molecular Formula	: C ₂₉ H ₂₇ F ₃ N ₄ O ₇ S
Formula Weight	: 632.61
Chemical Name	: 3-Quinolinecarboxamide, 6-[[3-[(dimethylamino)carbonyl]phenyl]sulfonyl]-4-[(3-methoxyphenyl)amino]-8-methyl-, 2,2,2-trifluoroacetate (1:1)
Description	A potent, selective PDE4 inhibitor with pIC₅₀ of 11.5, 11.3, 11.4, and 11.9 for PDE4B, A, C, and D, respectively; displays >380,000-fold selectivity over PDE1/2/3/5/6/7; inhibits TNFα production by ILPS-stimulated human peripheral blood monocytes with IC₅₀ of 0.01 nM; inhibits LPS-induced pulmonary neutrophilia with ED₅₀ of 1.1 ug/kg (aqueous suspension) and 2.9 ug/kg (dry powder formulation) in rats. COPD Phase 2 Discontinued
Pathway	: Angiogenesis
Target	: PDE
Receptor	: PDE
Solubility	: 10 mM in DMSO
SMILES	: <chem>CC1=CC(=CC2=C(C(=CN=C12)C(=O)N)NC3=CC(=CC=C3)OC)S(=O)(=O)C4=CC=CC(=C4)C(=O)N(C)C.C(=O)C(F)(F)F)O</chem>
Storage	: (-20°C)
Stability	: $\geq$ 2 years
Reference	:

1. Woodrow MD, et al. Bioorg Med Chem Lett. 2009 Sep 1;19(17):5261-5. | 2. Tralau-Stewart CJ, et al. J Pharmacol Exp Ther. 2011 Apr;337(1):145-54. | 3. Nials AT, et al. J Pharmacol Exp Ther. 2011 Apr;337(1):137-44.