

Product Name	: ACT-678689
Synonyms	: Compound Example 1.53.4
Cat No.	: M23798
CAS Number	: 1783256-96-1
Molecular Formula	: C ₂₃ H ₂₂ ClFN ₆ O ₄ S ₂
Formula Weight	: 565.0
Chemical Name	: —
Description	: ACT-678689 (Compound Example 1.53.4) is a tryptophan hydroxylase (TPH) inhibitor with an IC ₅₀ of 8 nM.
Pathway	: Immunology/Inflammation
Target	: Hydroxylase
Receptor	: Tryptophan hydroxylase
Solubility	: DMSO: 120 mg/mL (212.37 mM; Need ultrasonic)
SMILES	: <chem>Cc(s1)nn2c1nc(CC1)c2[C@H](c(ccc(C)c2)c2F)N1C(COc1ccc(NS(C)(=O)=O)nc1Cl)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Daniel Bur, et al. Tricyclic piperidine compounds. WO2015075023A1.