

Product Name	: LW3
Synonyms	: —
Cat No.	: M37025
CAS Number	: 2803367-68-0
Molecular Formula	: C ₁₇ H ₁₂ F ₃ N ₃ O
Formula Weight	: 331.29
Chemical Name	: —
Description	: LW3 is a potent antifungal agent. LW3 has antifungal activity with EC ₅₀ values of 0.54, 0.09, 1.52, and 2.65 mg/L against <i>B. cinerea</i> , <i>R. solani</i> , <i>S. sclerotiorum</i> , and <i>F. graminearum</i> , respectively.
Pathway	: Microbiology/Virology
Target	: Antifungal
Receptor	: Antifungal
Solubility	: In Vitro: ?DMSO : 100 mg/mL (301.85 mM; Ultrasonic)
SMILES	: <chem>C(NNC1=CC=C(C(F)(F)F)C=C1)(=O)C2=CC3=C(C=N2)C=CC=C3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Yang C, et, al. Bioactivity-Guided Subtraction of MIQOX for Easily Available Isoquinoline Hydrazides as Novel Antifungal Candidates. J Agric Food Chem. 2023 Aug 2;71(30):11341-11349.