

Product Name	: GNF-PF-3777
Synonyms	: 8-Nitrotryptanthrin
Cat No.	: M24779
CAS Number	: 77603-42-0
Molecular Formula	: C ₁₅ H ₇ N ₃ O ₄
Formula Weight	: 293.2
Chemical Name	: —
Description	: GNF-PF-3777 (8-Nitrotryptanthrin) is a potent inhibitor of human indoleamine 2,3-dioxygenase 2 (hIDO2; Ki: 0.97 μM).
Pathway	: Metabolic Enzyme/Protease
Target	: IDO
Receptor	: rhIDO2
Solubility	: DMSO:6.4 mg/mL (21.83 mM; Need warming)
SMILES	: <chem>[O-][N+](c(cc1)cc(C(C2=Nc3c4cccc3)=O)c1N2C4=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Li J, et al. Establishment of a human indoleamine 2, 3-dioxygenase 2 (hIDO2) bioassay system and discovery of tryptanthrin derivatives as potent hIDO2 inhibitors. Eur J Med Chem. 2016 Nov 10;123:171-9.