
Product Name	: ARN 272
Synonyms	: —
Cat No.	: M20123
CAS Number	: 488793-85-7
Molecular Formula	: C ₂₇ H ₂₀ N ₄ O ₂
Formula Weight	: 432.47
Chemical Name	: 4-[[4-(4-hydroxyphenyl)-1-phthalazinyl]amino]-N-phenyl-benzamide
Description	: ARN272 is a FAAH-like anandamide transporter (FLAT) inhibitor (IC ₅₀ : 1.8 μM).
Pathway	: Others
Target	: Other Targets
Receptor	: anandamide transport
Solubility	: DMSO: 50 mg/mL (115.61 mM); Ethanol: 8 mg/mL (18.50 mM); Water: Insoluble
SMILES	: <chem>Oc1ccc(cc1)-c1nnc(Nc2ccc(cc2)C(=O)Nc3ccccc2)c2ccccc12</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Fu J et al. A catalytically silent FAAH-1 variant drives anandamide transport in neurons. Nat Neurosci. 2011 Nov 20; 15(1):64-9.