

Product Name : AR-C102222

Synonyms : AR-C 102222

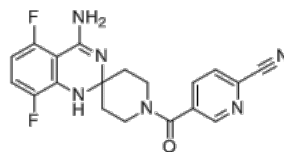
Cat No. : M13757

CAS Number : 253771-21-0

Molecular Formula : C₁₉H₁₆F₂N₆O

Formula Weight : 382.38

Chemical Name : Spiro[piperidine-4,2'(1'H)-quinazolin]-4'-amine, 1-[(6-cyano-3-pyridinyl)carbonyl]-5',8'-difluoro- (9Cl)



Description : AR-C102222 is a potent, selective iNOS inhibitor with IC₅₀ of 35 nM, displays 3,000-fold and 20-fold selectivity over eNOS and nNOS respectively; reduces inflammation produced by the application of arachidonic acid to the ear, attenuates FCA-induced mechanical hyperalgesia, and attenuates acetic acid-induced writhing in mice. Rheumatoid Arthritis Discontinued

Pathway : Immunology/Inflammation

Target : NOS

Receptor : NOS

Solubility : —

SMILES : C1CN(CCC12NC3=C(C=CC(=C3C(=N2)N)F)F)C(=O)C4=CN=C(C=C4)C#N.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Garcin ED, et al. Nat Chem Biol. 2008 Nov;4(11):700-7. 2. Tinker AC, et al. J Med Chem. 2003 Mar 13;46(6):913-6. 3. LaBuda CJ, et al. Eur J Pain. 2006 Aug;10(6):505-12.