

Product Name	: Bipenquinat
Synonyms	: —
Cat No.	: M22085
CAS Number	: 96201-88-6
Molecular Formula	: C ₂₃ H ₁₄ F ₂ NNaO ₂
Formula Weight	: 397.36
Chemical Name	: —
Description	: Bipenquinat is a potent and selective inhibitor of dihydroorotate dehydrogenase (DHODH) with IC ₅₀ of 20 nM, blocking de novo pyrimidine biosynthesis.
Pathway	: Metabolic Enzyme/Protease
Target	: Dehydrogenase
Receptor	: DHODH
Solubility	: —
SMILES	: [Na+].Cc1c(nc2ccc(F)cc2c1C([O-])=O)-c1ccc(cc1)-c1ccccc1F
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Li S F , Gong M J , Sun Y F , et al. Antiviral activity of brequinar against foot-and-mouth disease virus infection in vitro and in vivo[J]. Biomedicine & phamacotherapy = Biomedecine & pharmacotherapie, 2019, 116:108982.