

Product Name : Arbidol hydrochloride

Synonyms : Umifenovir

Cat No. : M11286

CAS Number : 131707-23-8

Molecular Formula : C₂₂H₂₅BrN₂O₃S·HCl

Formula Weight : 513.88

Chemical Name : —

Description : Arbidol (Umifenovir) hydrochloride is a broad-spectrum antiviral chemical agent which can inhibit cell entry of enveloped viruses by blocking viral fusion with host cell membrane.

Pathway : Microbiology/Virology

Target : Influenza Virus

Receptor : Influenza A virus

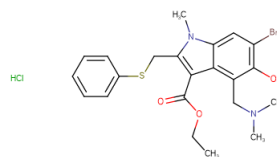
Solubility : Ethanol: 22 mg/mL (42.81 mM); DMSO: 103 mg/mL (200.43 mM)

SMILES : Cl.CCOC(=O)C1=C(CSC2=CC=CC=C2)N(C)C2=CC(Br)=C(O)C(CN(C)C)=C12

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1.Wang MZ, et al. Zhongguo Yi Xue Ke Xue Yuan Xue Bao. 2004 Jun;26(3):289-93.