
Product Name	: Florfenicol amine hydrochloride
Synonyms	: —
Cat No.	: M34811
CAS Number	: 108656-33-3
Molecular Formula	: C ₁₀ H ₁₅ ClFNO ₃ S
Formula Weight	: 283.75
Chemical Name	: —
Description	: Florfenicol amine hydrochloride is a metabolite of Florfenicol (HY-B1374). Florfenicol inhibits bacterial protein synthesis by binding to 50S and 70S subunits in the ribosome to abolish the activity of peptidyltransferase. Florfenicol, is a veterinary antibiotic, can be used in aquaculture to control susceptible bacterial diseases.
Pathway	: Microbiology/Virology
Target	: Antibiotic
Receptor	: Antibiotic
Solubility	: In Vitro: ?DMSO : 125 mg/mL (440.53 mM; Ultrasonic)
SMILES	: Cl.CS(=O)(=O)c1ccc(cc1)[C@@H](O)[C@H](N)CF
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. B-K Park, et al. Pharmacokinetics of florfenicol and its metabolite, florfenicol amine, in the Korean catfish (*Silurus asotus*). J Vet Pharmacol Ther. 2006 Feb;29(1):37-40.