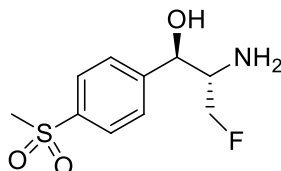


Florfenicol amine

Code No.: **BIA-F1488**

Pack sizes: **1 mg, 5 mg**



Synonyms : Sch 40458

Specifications

CAS #	: 76639-93-5
Molecular Formula	: C ₁₀ H ₁₄ FNO ₃ S
Molecular Weight	: 247.3
Source	: Synthetic
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Florfenicol amine is the 4-methylsulphonophenylpropylamine parent compound formed by hydrolysing the dichloroacetamide of florfenicol. Florfenicol amine is a metabolite and degradation product of florfenicol. Florfenicol amine has no antibiotic activity but is an important standard for monitoring animal and environmental residues of florfenicol.

References

1. Simultaneous determination of residues of florfenicol and the metabolite florfenicol amine in fish tissues by high-performance liquid chromatography. Hormazabal V. et al., J. Chromatogr. 1993, 616, 161.
2. Ultra-high performance liquid chromatography-tandem mass spectrometry for the analysis of phenicol drugs and florfenicol-amine in foods. Alechaga É et al., Analyst. 2012, 137, 2486.