

Nicosamide

General Properties

Physical form and appearance A Yellow to orange yellow powder.

Physical state solid

Form powder

Molecular weight 740.4

Molecular formula $(C_{13}H_7Cl_2N_2O_2)_2 \cdot C_4H_8N_2$

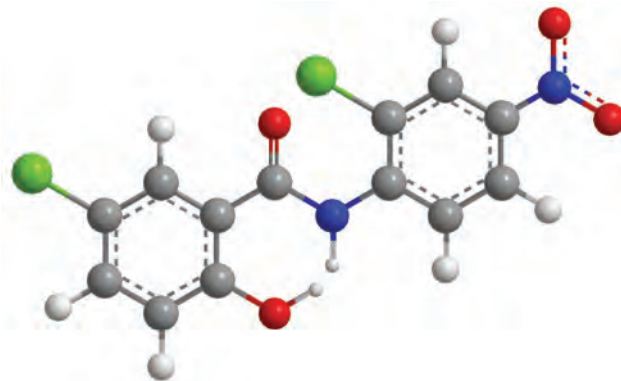
Identification Infrared Absorption

Assay(HPLC) 95-101.5 % w/w

Solubility Almost 100% soluble (0.5 gr in 10 ml DMF) when heating up to 80-100°C

Storage Keep dry at temperature below 30°C.

Technical specification Purity: >95 %
Related substance individual impurity: 5-Chlorosalicylic Acid <1.0 %,
2-Chloro-4-nitroaniline <1.0 %
Total impurities <2.0 %
Method : USP



International non proprietary name (INN)

Nicosamide Piperazine Salt

Chemical abstract index name

5-chloro-N-(2-chloro-4-nitrophenyl)-2-hydroxybenzamide/piperazine(2:1)

Cas registry No.

34892-17-6

indication

Anthelmintics

structure

