

General Properties

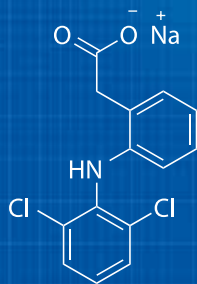
International nonproprietary name (INN)
Diclofenac sodium

IUPAC name
sodium;2-[2-(2,6-dichloroanilino)phenyl]acetate

Cas registry No.
15307-79-6

indication
Cyclooxygenase inhibitor; analgesic;
anti-inflammatory

structure



Diclofenac sodium (BP,EP)

Physical form and appearance A white or slightly yellowish crystalline powder, slightly hygroscopic

Physical state solid

Form powder

Molecular weight 318.13

Molecular formula $C_{14}H_{10}Cl_2NNaO_2$

Identification HPLC

Solubility Freely soluble in chloroform, in formic acid, in methanol, and in water. Sparingly soluble in dehydrated alcohol, insoluble in ether.

Storage Preserve in tight, light-resistant containers.

