

Noscapine Base/Hydrochloride (BP,EP)

General Properties

Physical form and appearance White or almost white, crystalline powder or colorless Crystals, hygroscopic.

Physical state Solid

Form Powder

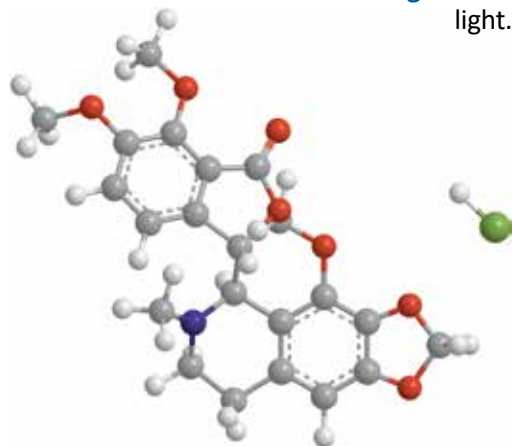
Molecular weight 467.9

Molecular formula $C_{22}H_{24}ClNO_7 \cdot H_2O$

Identification Specific optical rotation
Infrared absorption spectrophotometry
Thin-layer chromatography

Solubility Freely soluble in water and in ethanol (96 per cent).
Aqueous solutions are slightly acid; the base may be precipitated when the solutions are allowed to stand.

Storage In an airtight container, protected from light.



International nonproprietary name (INN)
Noscapine Hydrochloride

IUPAC name
(3S)-6, 7 -Dimethoxy-3-[(5R)-4-methoxy-6-methyl-5,6, 7,8-tetrahydro-1 ,3-dioxolo [4,5-g] isoquinolin-5-yl]isobenzofuran-1 (3H)-one hydrochloride monohydrate.

Cas registry No.
912-60-7

indication
an opioid alkaloid with antitussive and antimotile properties

Structure

