

Cephalexin Hydrochloride (i88047)

Cefalexin hydrochloride is a cephalosporin antibiotic that inhibits protein synthesis.

CAS Number	15686-71-2	EC Number	239-773-6
Formula	$C_{16}H_{17}N_3O_4S \cdot xH_2O$	Molecular Weight	347.39 g/mol
Expiration Date*	1 Year		

*The expiration date of a standard is defined as the amount of time that it should remain in use after opening depending on the standard condition

Storage Keep container tightly closed in a dry, cool and well-ventilated place. Protected from light.

Test	Specification
Appearance	White powder
pH	no data available
FTIR	Matches with the standard pattern
Assay (NT/GC/HPLC)	97.00 - 101.00%
Total impurities (HPLC)	max 3%
Solubility	10 mg soluble in 10 mL of water