

Lamotrigine (Cas No 84057-84-1)

Lamotrigine

Molecular Formula C₉H₇Cl₂N₅

Molecular Weight 256.09

CAS Registry Number 84057-84-1

EINECS 281-901-8

Systematic (IUPAC) name

6-(2,3-dichlorophenyl)-1,2,4-triazine-3,5-diamine

Identifiers

CAS number 84057-84-1

ATC code N03AX09

PubChem 3878

DrugBank APRD00570

ChemSpider 3741

Chemical data

Formula C₉H₇Cl₂N₅ Mol. mass 256.091 g/mol

SMILES eMolecules & PubChem

Pharmacokinetic data

Bioavailability 98%

Protein binding 55%

Metabolism Hepatic (mostly UGT1A4-mediated)

Half life 24–34 hours (healthy adults)

Excretion Renal

