



Formula: C₁₄H₂₂N₂O₃

MW: 266.34

CAS: 51706-40-2, 29122-68-7

MDL NUMBER: MFCD00057645

IUPAC: 2-(4-{2-hydroxy-3-[(methylethyl)amino]propoxy}phenyl)acetamide

Smiles: c1(ccc(cc1)CC(N)=O)OCC(CNC(C)C)O

THERAPEUTIC CATEGORY: ANtihypertensive, Antianginal, Antiarrhythmic

ACCEPTORS: 3

DONORS: 4

ROTATION BONDS: 7

N+O: 5

Chiral Centers: 1

LogP: 0.45

LogS: -3.05

LIPINSKI: 4

Synonyms:

noten;(RS)-ATENOLOL;(RS)-4-[2-HYDROXY-3-[(1-METHYLETHYL)AMINO]PROPOXY]BENZENEACETAMIDE;TENORMIN;tenlol;1-p-carbamoylmethylphenoxy-3-isopropylamino-2-propanol;2-(p-(2-hydroxy-3-(isopropylamino)propoxy)phenyl)-acetamid;2-(p-(2-hydroxy-3-(isopropylamino)propoxy)phenyl)acetamide

CAS:29122-68-7

MF:C14H22N2O3

MW:266.34

EINECS:249-451-7

Product Categories:Pharmaceutical;Intermediates & Fine Chemicals;Pharmaceuticals;API's;Adrenoceptor Atenolol

Chemical Properties: mp 154C storage temp. Store at RT solubility H2O: 0.3 mg/mL form powder color white to off-white Merck 859

CAS DataBase Reference: 29122-68-7(

CAS DataBase Reference:) NIST Chemistry ReferenceAtenolol(29122-68-7) Xn Risk Statements 22-36/37/38-20/21/22 Safety Statements 22-24/25-36-26 WGK Germany 2 RTECS AC3600000 Hazardous Substances Data29122-68-7(Hazardous Substances Data) Tenormin Atenolol

Usage And Synthesis:

Chemical Properties: Crystalline Solid UsageCardioselective ?adrenergic blocker. Antihypertensive, antianginal, antiarrhythmic (class II) UsageCardioselective B-adrenergic blocker. Antihypertensive, antianginal, antiarrhythmic (class II). Biological ActivityCardioselective B -adrenergic blocker. Antihypertensive, antianginal, antiarrhythmic. Atenolol

