



Formula: C₁₉H₂₂ClN₅O₄

MW: 419.87

CAS: 19237-84-4

TNP NUMBER: TNP00312

MDL NUMBER: MFCD00058177

IUPAC: 4-(4-amino-6,7-dimethoxyquinazolin-2-yl)piperazinyl 2-furyl ketone, chloride

Smiles: Nc1c2c(nc(n1)N1CCN(CC1)C(=O)c1ccco1)cc(c(c2)OC)OC.Cl

THERAPEUTIC CATEGORY: antihypertensive

SOURCE: quinazoline alkaloid derivative

ACCEPTORS: 4

DONORS: 2

ROTATION BONDS: 3

N+O: 9

Chiral Centers: 0

LogP: 1.65

LogS: -4.3

LIPINSKI: 4

Synonyms:

1-(4-amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furanylcarbonyl)piperazinehydr;1-(4-amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furoyl)piperazinemonohydrochlo;1-(4-amino-6,7-dimethoxy-2-quinazolinyl)-4-(2-furoyl)-piperazinmonohydro;2-(4-(2-furoyl)piperazin-1-yl)-4-amino-6,7-dimethoxyquinazolinehydrochloride;4-amino-6,7-dimethoxy-2-(4-(2-furoyl)piperazin-1-yl)-quinazolinhydrochlori;cp-12299-1;deprazolin;hypovase

CAS:19237-84-4

MF:C19H22CIN5O4

MW:419.86

EINECS:242-903-4

Product Categories:Intermediates & Fine

Chemicals;Pharmaceuticals;Adrenoceptor;Adrenoceptors Prazosin hydrochloride

Chemical Properties: mp 277 - 280 C storage temp. Store at RT solubility H2O: 1 mg/mL, clear, colorless form solid color white Merck 7717

CAS DataBase Reference: 19237-84-4(

CAS DataBase Reference:) Xn Risk Statements 22-36/37/38-62 Safety Statements 28-36 RIDADR 3249 WGK Germany 3 RTECS VA1350000 F 10 HazardClass 6.1(b) PackingGroup III Hazardous Substances Data19237-84-4(Hazardous Substances Data) Prazosin hydrochloride

Usage And Synthesis:

Chemical Properties: Off-White to Yellow Powder UsageAn antihypertensive. Biological Activitya 1 and a 2B -adrenoceptor antagonist. Also a potent antagonist at the melatonin MT 3 receptor ($K_i = 10.2$ nM). Also available as part of the a 1 -Adrenoceptor Tocriset and Mixed Adrenergic Tocriset . Prazosin hydrochloride

