



Product Information

Carbonic anhydrase inhibitor, Ethoxzolamide, Purity $\geq 98\%$

Cat. No.: X24-09-YM239

Size: 100 mg; 200 mg; 500 mg; 1 g

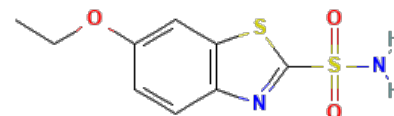
MDL: MFCD00057089

CAS Number: 452-35-7

Compound CID: 3295

Synonym: 452-35-7; Ethoxzolamide; Ethoxyzolamide; Ethoxazolamide; Cardrase; Ethamide; 6-Ethoxy-1,3-benzothiazole-2-sulfonamide; Carbonic anhydrase inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Ethoxzolamide is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting carbonic anhydrase. The molecular weight of the compound is 258.317, and its molecular formula is $C_9H_{10}N_2O_3S_2$.
Molecular Weight	258.317
Molecular Formula	$C_9H_{10}N_2O_3S_2$
IUPAC Name	6-Ethoxy-1,3-benzothiazole-2-sulfonamide
InChI	InChI=1S/C9H10N2O3S2/c1-2-14-6-3-4-7-8(5-6)15-9(11-7)16(10,12)13/h3-5H,2H2,1H3,(H2,10,12,13)
InChI Key	OUZWUKMCLIBBOG-UHFFFAOYSA-N
Canonical SMILES	CCOC1=CC2=C(C=C1)N=C(S2)S(=O)(=O)N
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Ethoxzolamide can be studied extensively for its potential therapeutic applications in the treatment of glaucoma by lowering intraocular pressure.
Storage	Store at -20°C , and keep desiccated.