



Product Information

Product ID Z5653
CAS No. 68291-97-4
Chemical Name 1,2-Benzisoxazole-3-methanesulfonamide

Synonym AD-810, CI-912, Excegran

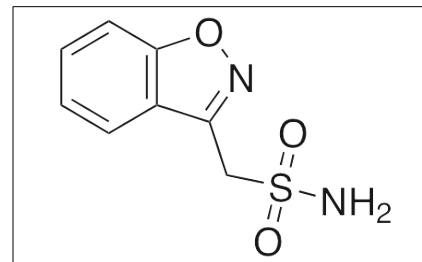
Formula C₈H₈N₂O₃S
Formula Wt. 212.23
Melting Point 160-163 °C
Purity ≥96%

Solubility Sparingly soluble in water.
Soluble in methanol,
ethanol, DMSO.

Store Temp Ambient

Ship Temp Ambient

Description Zonisamide is a sulfonamide that exhibits antiepileptic/anticonvulsant and neuroprotective activity and is clinically used to prevent seizures and epilepsy. Zonisamide inhibits carbonic anhydrase, voltage-gated Na⁺ channels, and T-type Ca²⁺ channels, and modulates release of GABA and glutamate. In animal models of Parkinson's disease, zonisamide delays neurodegeneration.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
Z5653	10 mg	\$74.90
Z5653	25 mg	\$164.90
Z5653	100 mg	\$554.30

References Arawaka S, Fukushima S, Sato H, et al. Zonisamide attenuates α-synuclein neurotoxicity by an aggregation-independent mechanism in a rat model of familial Parkinson's disease. *PLoS One*. 2014 Feb 20;9(2):e89076. PMID: 24586512.

Aggarwal M, Kondeti B, McKenna R. Anticonvulsant/antiepileptic carbonic anhydrase inhibitors: a patent review. *Expert Opin Ther Pat*. 2013;23(6):717-24. PMID: 23514045.

Holder JL Jr, Wilfong AA. Zonisamide in the treatment of epilepsy. *Expert Opin Pharmacother*. 2011 Nov;12(16):2573-81. PMID: 21967409.

Baulac M, Leppik IE. Efficacy and safety of adjunctive zonisamide therapy for refractory partial seizures. *Epilepsy Res*. 2007 Jul;75(2-3):75-83. PMID: 17553670.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.