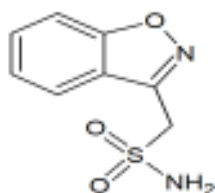


# Zonisamide

**ALTERNATE NAME:** 1,2-benzisoxazole-3-methanesulfonamide  
CI-912  
PD 110843

**CATALOG #:** B3279-50 50 mg  
B3279-250 250 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>8</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub>S

**MOLECULAR WEIGHT:** 212.22

**CAS NUMBER:** 68291-97-4

**APPEARANCE:** White to off-white solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** ~15 mg/ml DMSO

**DESCRIPTION:** Zonisamide is a broad-spectrum sulfonamide derivative with an anticonvulsant property. Zonisamide appears to block sodium and calcium channels, thereby stabilizing neuronal membranes and suppressing neuronal hyper-synchronization. In addition, this agent also facilitates both dopaminergic and serotonergic neurotransmission.

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Felbamate (B2004)  
Lamotrigine (B1234)  
D (+)-Cycloserine (B1188)  
Carbamazepine (B2401)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***