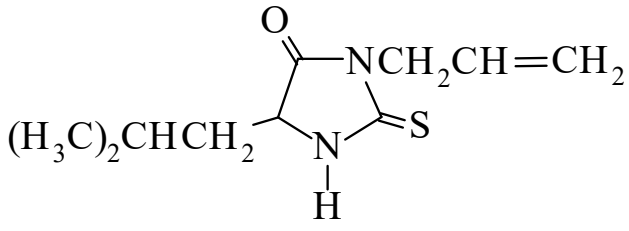
>>**Entry Name: Albutoin,** INN, USAN
Synonym(s): 5-(2-Methylpropyl)-3-(2-propenyl)-2-thioxo-4-imidazolidinone, 9CI. 3-Allyl-5-isobutyl-2-thiohydantoin, 8CI. Co-ord. Euprax. BAX 422*Z*



CAS Registry Number: 830-89-7

Molecular Formula: $C_{10}H_{16}N_2OS$
Molecular Weight: 212.315
Accurate Mass: 212.098333
Percentage Composition: C 56.57%; H 7.60%; N 13.19%; O 7.54%; S 15.10%
Use/Importance: Fog inhibitor in photography
Biological Use/Importance: Anticonvulsant
Hazard & Toxicity: LD_{50} (mus, orl) 785 mg/kg

>>**Variant:** (±)-form

Molecular Formula: $C_{10}H_{16}N_2OS$
Molecular Weight: 212.315
Accurate Mass: 212.098333
Percentage Composition: C 56.57%; H 7.60%; N 13.19%; O 7.54%; S 15.10%
Physical Description: Cryst.
Melting Point: Mp 210-211°

References:

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Millichap, J.G.*, Antiepileptic Drugs*, Raven Press, N.Y., 1972, 275, *(rev)*
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