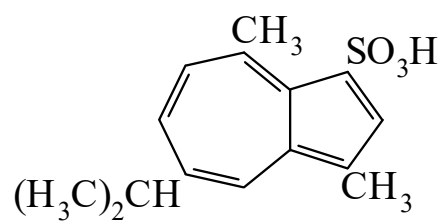




>>Entry Name: 5-Isopropyl-3,8-dimethyl-1-azulenesulfonic acid, 8Cl

Synonym(s): Gualenic acid



CAS Registry Number: 16915-32-5

Molecular Formula: C₁₅H₁₈O₃S

Molecular Weight: 278.371

Accurate Mass: 278.097665

Percentage Composition: C 64.72%; H 6.52%; O 17.24%; S 11.52%

Use/Importance: Antiinflammatory agent, analgesic

Calculated Log P Data: Log P 3.88 (calc)

>>Derivative: Na salt

Synonym(s): Sodium gualenate, INN. Azulene sulfonate sodium, JAN. Azlene. Azulensol. Azumach. Nozlen. Azuphonate. Mazulenin. Many other names

CAS Registry Number: 6223-35-4

Melting Point: Mp 98°

Hazard & Toxicity: LD₅₀ (rat, ipr) 180 mg/kg

References:

Treibs, W. *et al.*, *Annalen*, 1954, **586**, 202, (*synth*)

Meier, W. *et al.*, *Helv. Chim. Acta*, 1963, **46**, 1929, (*nmr, uv*)

Martindale, *The Extra Pharmacopoeia*, 30th edn., *Pharmaceutical Press*, 1993, 904

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 7th edn., *Akademie-Verlag*, 1994, 4643, (*synonyms*)