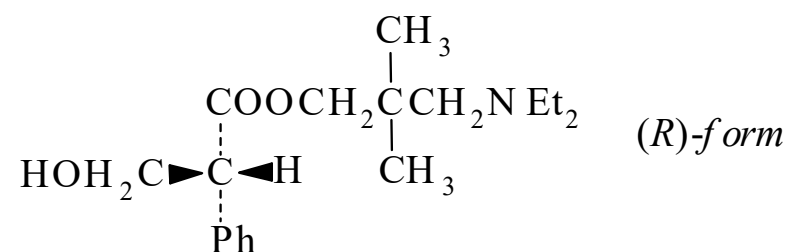




>>Entry Name: Amprotropine

Synonym(s): 3-(Diethylamino)-2,2-dimethylpropyl α -(hydroxymethyl)benzeneacetate, 9Cl. 3-Diethylamino-2,2-dimethylpropyl tropate, 8Cl



CAS Registry Number: 148-32-3

Molecular Formula: C₁₈H₂₉NO₃

Molecular Weight: 307.432

Accurate Mass: 307.214744

Percentage Composition: C 70.32%; H 9.51%; N 4.56%; O 15.61%

Use/Importance: Antispasmodic, anticholinergic agent

Calculated Log P Data: Log P 2.51 (calc)

>>Variant: (*R*)-form

Molecular Formula: C₁₈H₂₉NO₃

Molecular Weight: 307.432

Accurate Mass: 307.214744

Percentage Composition: C 70.32%; H 9.51%; N 4.56%; O 15.61%

>>Derivative: Hydrochloride

Optical Rotation: [α]_D +37

>>Variant: (*S*)-form

Molecular Formula: C₁₈H₂₉NO₃

Molecular Weight: 307.432

Accurate Mass: 307.214744

Percentage Composition: C 70.32%; H 9.51%; N 4.56%; O 15.61%

>>Derivative: Hydrochloride

Optical Rotation: [α]_D -37

>>Variant: ($\pm$)-form

Molecular Formula: C₁₈H₂₉NO₃

Molecular Weight: 307.432

Accurate Mass: 307.214744

Percentage Composition: C 70.32%; H 9.51%; N 4.56%; O 15.61%

>>Derivative: Phosphate

Synonym(s): Amprotropine phosphate. Syntropan. AP 407

CAS Registry Number: 134-53-2

Physical Description: Bitter cryst.

Melting Point: Mp 142-145°

Other Data: Aq. soln. acid to litmus

Hazard & Toxicity: LD₅₀ (rat, ivn) 43 mg/kg

References:

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