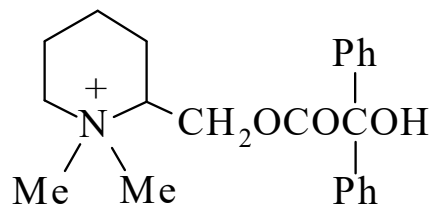




>>Entry Name: Bevonium(1+)

Synonym(s): 2-[[[(Hydroxydiphenylacetyl)oxy]methyl]-1,1-dimethylpiperidinium, 9Cl. 2-Benziloyloxymethyl-1,1-dimethylpiperidinium



CAS Registry Number: 33371-53-8

Molecular Formula: $C_{22}H_{28}NO_3^{(+)}$

Molecular Weight: 354.468

Accurate Mass: 354.206919

Percentage Composition: C 74.55%; H 7.96%; N 3.95%; O 13.54%

>>Derivative: Methosulfate

Synonym(s): Bevonium methylsulfate, BAN, JAN. **Bevonium metilsulfate**, INN. Acabel. Confielle. Dalys. Spalgo. CG 201

CAS Registry Number: 5205-82-3

Molecular Formula: $C_{23}H_{31}NO_7S$

Molecular Weight: 465.566

Accurate Mass: 465.182124

Percentage Composition: C 59.34%; H 6.71%; N 3.01%; O 24.06%; S 6.89%

Use/Importance: Spasmolytic agent

Physical Description: Cryst. (petrol)

Melting Point: Mp 134-135°

Hazard & Toxicity: LD₅₀ (rat, orl) approx. 5 g/kg

Sigma: B9897

References:

Beckmann, R. *et al.*, *Arzneim.-Forsch.*, 1966, **16**, 901, (*synth, pharmacol*)

De Pascale, V. *et al.*, *Boll. Chim. Farm.*, 1975, **114**, 35, (*use*)

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, CDG250