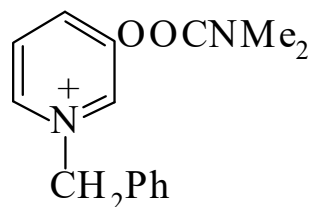




>>Entry Name: **Benzpyrinium(1+)**

Synonym(s): 3-[[[(Dimethylamino)carbonyl]oxy]-1-(phenylmethyl)pyridinium(1+), 9Cl. 1-Benzyl-3-hydroxypyridinium dimethylcarbamate(1+), 8Cl. Benzstigminium(1+). Stigmenene(1+)



Molecular Formula: C₁₅H₁₇N₂O₂⁽⁺⁾

Molecular Weight: 257.311

Accurate Mass: 257.129003

Percentage Composition: C 70.02%; H 6.66%; N 10.89%; O 12.44%

>>Derivative: Bromide

Synonym(s): Benzpyrinium bromide, INN

CAS Registry Number: 587-46-2

Molecular Formula: C₁₅H₁₇BrN₂O₂

Molecular Weight: 337.215

Accurate Mass: 336.067339

Percentage Composition: C 53.43%; H 5.08%; Br 23.70%; N 8.31%; O 9.49%

Use/Importance: Anticholinesterase agent

Melting Point: Mp 116-118°

Solubility: Insol. Et₂O

Hazard & Toxicity: LD₅₀ (mus, ivn) 0.25 mg/kg

References:

Sakal, E.H., *Lancet*, 1950, **70**, 474, (*pharmacol, tox*)

Wuest, H.M. *et al.*, *J.A.C.S.*, 1951, **73**, 1210, (*synth*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 4508, (bromide)