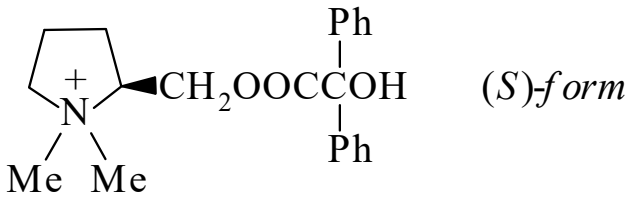
>>**Entry Name: Poldine**
Synonym(s): 2-[[(Hydroxydiphenylacetyl)oxy]methyl]-1,1-dimethylpyrrolidinium(1+), 9Cl



(*S*)-*form*

CAS Registry Number: 596-50-9

Molecular Formula: $C_{21}H_{26}NO_3^{(+)}$
Molecular Weight: 340.441
Accurate Mass: 340.191269
Percentage Composition: C 74.09%; H 7.70%; N 4.11%; O 14.10%
Use/Importance: Antispasmodic, anticholinergic

>>**Variant:** (*S*)-form

Molecular Formula: $C_{21}H_{26}NO_3$
Molecular Weight: 340.441
Accurate Mass: 340.191269
Percentage Composition: C 74.09%; H 7.70%; N 4.11%; O 14.10%

>>**Derivative:** Bromide

Molecular Formula: $C_{21}H_{26}BrNO_3$
Molecular Weight: 420.345
Accurate Mass: 419.129605
Percentage Composition: C 60.01%; H 6.23%; Br 19.01%; N 3.33%; O 11.42%
Physical Description: Needles (Me_2CO)
Melting Point: Mp 171°

>>**Derivative:** Methosulfate
Synonym(s): Poldine methylsulfate, BAN, USAN**.** Alfaland. Nactate. Nacton. CLB 499. IS 499. McN-R-726-47

CAS Registry Number: 545-80-2
Molecular Formula: $C_{22}H_{29}NO_7S$
Molecular Weight: 451.54
Accurate Mass: 451.166474
Percentage Composition: C 58.52%; H 6.47%; N 3.10%; O 24.80%; S 7.10%
Physical Description: Needles
Melting Point: Mp 154-155°

References:

Blicke, F.F. *et al.*, *J.A.C.S.*, 1955, **77**, 29, *(synth)*
Doyle, F.P. *et al.*, *J.C.S.*, 1958, 4458, *(synth)*
Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 431