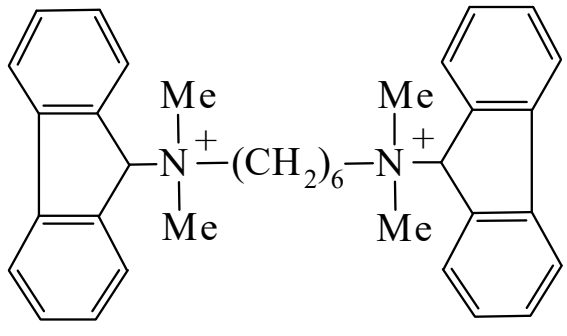
>>**Entry Name: Hexafluorenium(2+)**
Synonym(s): *N*,*N*'-Di-9*H*-fluoren-9-yl-*N,N,N',N'*-tetramethyl-1,6-hexanediaminium, 9CI. Hexamethylenebis[fluoren-9-yldimethyl]ammonium, 8CI. Hexafluronium



CAS Registry Number: 4844-10-4

Molecular Formula: $C_{36}H_{42}N_2^{2(+)}$
Molecular Weight: 502.741
Accurate Mass: 502.334798
Percentage Composition: C 86.01%; H 8.42%; N 5.57%

>>**Derivative:** Dibromide
Synonym(s): Hexafluorenium bromide, USAN. **Hexafluronium bromide,** INN. Mylaxen. Myorelax. IN 117. NSC 19477. Laxmus

CAS Registry Number: 317-52-2
Molecular Formula: $C_{36}H_{42}Br_2N_2$
Molecular Weight: 662.549
Accurate Mass: 660.21147
Percentage Composition: C 65.26%; H 6.39%; Br 24.12%; N 4.23%
Use/Importance: Skeletal muscle relaxant, succinylcholine synergist
Physical Description: Cryst. (propanol)
Melting Point: Mp 188-189°
Hazard & Toxicity: LD_{50} (rat, ipr) 20 mg/kg. LD_{50} (rbt, ivn) 0.08 mg/kg

References:

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