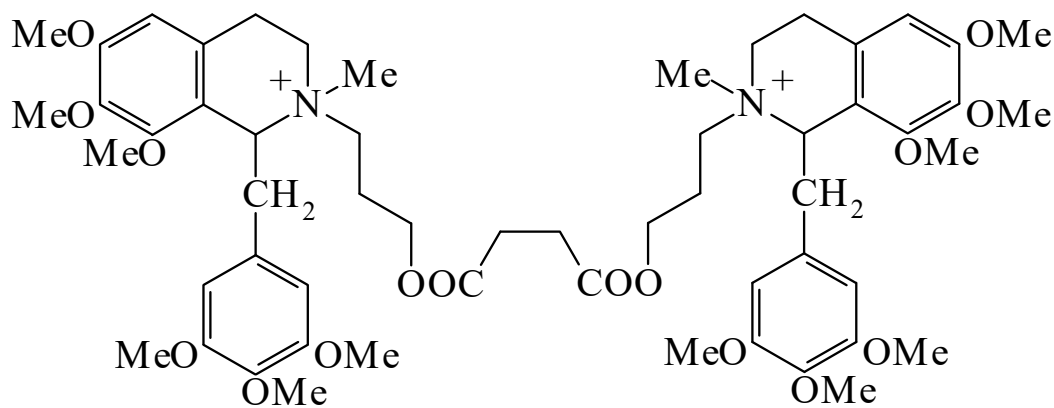




>>Entry Name: Doxacurium(2+)

Synonym(s): 2,2'-[(1,4-Dioxo-1,4-butanediyl)bis(oxy-3,1-propanediyl)]bis-1,2,3,4-tetrahydro-6,7,8-trimethoxy-2-methyl-1-[(3,4,5-trimethoxyphenyl)methyl]isoquinolinium, 9Cl



Related CAS Registry Numbers(s): 106819-53-8

Molecular Formula: $C_{56}H_{78}N_2O_{16}^{2(+)}$

Molecular Weight: 1035.236

Accurate Mass: 1034.535138

Percentage Composition: C 64.97%; H 7.59%; N 2.71%; O 24.73%

>>Derivative: Dichloride

Synonym(s): Doxacurium chloride, BAN, INN, USAN. Nuromax. BW A 938U

CAS Registry Number: 83348-52-1

Type of Compound Code(s): XA5200

Molecular Formula: $C_{56}H_{78}Cl_2N_2O_{16}$

Molecular Weight: 1106.141

Accurate Mass: 1104.472842

Percentage Composition: C 60.81%; H 7.11%; Cl 6.41%; N 2.53%; O 23.14%

Use/Importance: Skeletal muscle relaxant

Development Status: Launched 1991 (US)

Other Data: Commercial prod. is a mixt. of 3 stereoisomers

References:

Eur. Pat., 1982, *Wellcome*, 54 309; *CA*, **97**, 163306, (*synth*)

Savarese, J.J. *et al.*, *Semin. Anesth.*, 1986, **5**, 304, (*rev*)

Faulds, D. *et al.*, *Drugs*, 1991, **42**, 673, (*rev*)