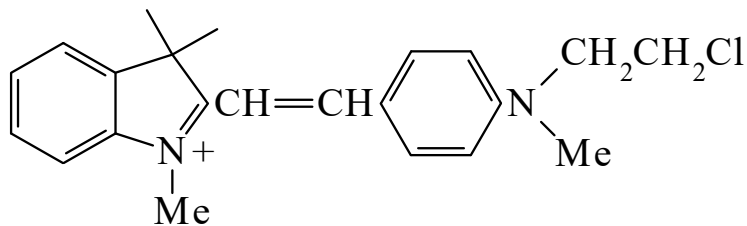




>>Entry Name: Astrazon pink FG

Synonym(s): 2-[2-[4-[(2-Chloroethyl)methylamino]phenyl]ethenyl]-1,3,3-trimethyl-3*H*-indolium, 9Cl. Astrazon rose FG. C.I. Basic red 13. C.I. 48015. Aizen cathilon pink FGH. Atacryl pink G. Catacryl pink FG. Intradene brilliant pink G. Stanacrile pink G



Molecular Formula: C₂₂H₂₆Cl₁N₂⁽⁺⁾

Molecular Weight: 353.913

Accurate Mass: 353.17845

Percentage Composition: C 74.66%; H 7.40%; Cl 10.02%; N 7.92%

General Statement: Methine basic dye. Strictly, the name Astrazon pink FG applies to the chloride

>>Derivative: Chloride

CAS Registry Number: 3648-36-0

Molecular Formula: C₂₂H₂₆Cl₂N₂

Molecular Weight: 389.366

Accurate Mass: 388.147302

Percentage Composition: C 67.86%; H 6.73%; Cl 18.21%; N 7.19%

Use/Importance: Used as aq. soln. in extraction-photometric detn. of Au, Th

Physical Description: Red cryst.

Solubility: Sol. H₂O, Et₂O

Rare Chemicals Library: S31999-6

References:

Colour Index, 3rd Edn, 1971, **4**, 4438, (*synth*)

Popa, G. *et al.*, *Chim. Anal. (Bucharest)*, 1972, **2**, 243; *CA*, **78**, 131666e, (*use, Th*)

Nabivanets, B.I. *et al.*, *Zh. Anal. Khim.*, 1972, **27**, 2140, (*use, Au*)