

Product Name : Dequalinium chloride

Synonyms : NSC 166454

Cat No. : M14843

CAS Number : 522-51-0

Molecular Formula : C₃₀H₄₀Cl₂N₄

Formula Weight : 527.59

Chemical Name : 1,1'-(decane-1,10-diyl)bis(4-amino-2-methylquinolin-1-ium) chloride

Description : Dequalinium Chloride is a selective blocker of apamin-sensitive K⁺ channels.

Pathway : Angiogenesis

Target : PKC

Receptor : PKC

Solubility : DMSO: 0.025 mg/mL (0.04 mM)

SMILES : CC1=CC(N)=C2C=CC=CC2=[N+]1CCCCCCCCC[N+]3=C4C=CC=CC4=C(N)C=C3C.[Cl-].[Cl-]

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Manetta A, et al. Gynecol Oncol, 1993, 50(1), 38-44.

