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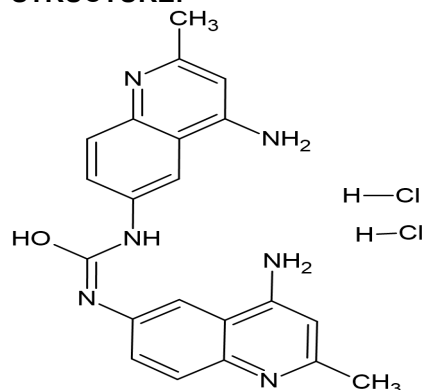
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GAG Antagonist, Surfen

ALTERNATE NAME: 1,3-bis(4-amino-2-methylquinolin-6-yl)urea, dihydrochloride; NSC-12155

CATALOG #: AUR10408

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₀N₆O. 2HCl. 3H₂O

MOLECULAR WEIGHT: 499

CAS#: 5424-37-3

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (50 mg/ml)

PURITY: >98% by LCMS

STORAGE: Store +2 °C to +8 °C; Protect from air and light

DESCRIPTION: Surfen is a symmetrical quinolyl-urea analog that binds GAGs (glycosaminoglycans) via electrostatic interaction with the negatively charged sulfate and carboxyl moieties present in heparan sulfate (HS), heparin, and dermatan sulfate, resulting in effective blockage of GAGs interactions with their protein binding partners.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure