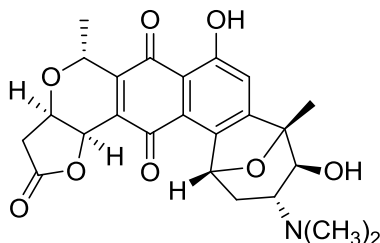


Sch 38519

Code No.: **BIA-S1292**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms :

Specifications

CAS #	: 114970-20-6
Molecular Formula	: C ₂₄ H ₂₅ NO ₈
Molecular Weight	: 455.4
Source	: <i>Streptomyces</i> sp.
Appearance	: Brown-orange solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Sch 38519 is an isochromanequinone, structurally related to lactoquinomycin. Sch 38519 inhibits thrombin-induced aggregation of human platelets and is active against Gram positive and Gram negative bacteria.

References

1. A new isochromanequinone antibiotic, SCH 38519, with a novel sugar linkage. Hegde V R. et al. Tet. Lett. 1987, 28, 4485.
2. Sch 38519, a novel platelet aggregation inhibitor produced by a Thermomonospora sp. Taxonomy, fermentation, isolation, physico-chemical properties, structure and biological properties. Patel M. et al. J. Antibiot. 1989, 42, 1063.

Updated: 2 December 2014