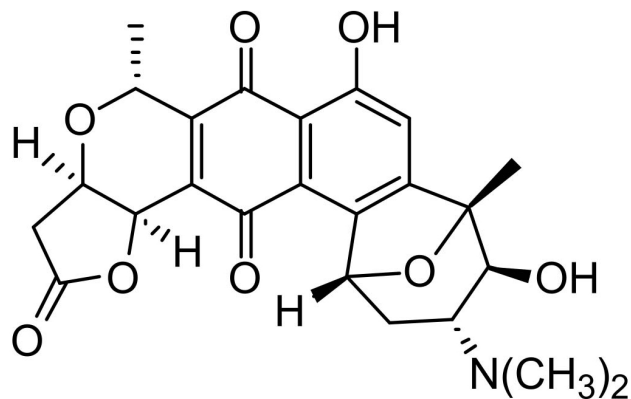


Sch 38519

Code No.: BIA-S1292

Pack sizes.: 0.5mg, 2.5mg



Synonyms:

-

## Specifications

CAS #	: <b>114970-20-6</b>
Molecular Formula	: <b>C<sub>24</sub>H<sub>25</sub>N<sub>0</sub>O<sub>8</sub></b>
Molecular Weight	: <b>455.4</b>
Source	: -
Appearance	: <b>Brown-orange solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.</b>

## 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.