

Product Name:	Sch 38519
Product Number:	S078
CAS Number:	114970-20-6
Molecular Formula:	C ₂₄ H ₂₅ NO ₈
Molecular Weight:	455.4
Appearance:	Brown-orange solid
Storage Conditions:	-20°C
Description:	<p>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.</p> <p>Sch 38519 is soluble in ethanol, methanol, DMF and DMSO.</p>
Spectrum:	<p>Sch 38519 has a broad spectrum of activity and is active against Gram-positive and Gram-negative bacteria.</p>
References:	<p>A new isochromanequinone antibiotic, SCH 38519, with a novel sugar linkage. Hegde V R. et al. Tet. Lett. 1987, 28, 4485.</p> <p>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.</p>