

Technical Data Sheet

PRODIGIOSIN

Compound Information

Product Name:	PRODIGIOSIN
CAS No.:	82-89-3
Molecular Formula:	C ₂₀ H ₂₅ N ₃ O
Molecular Weight:	323.43
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-27

Analytical Information

Tests	Specifications
Description	Prodigiosin (Prodigiosine), a natural red pigment, is a biologically active secondary metabolite. Prodigiosin is a potent inhibitor of the Wnt/ β -catenin pathway. Prodigiosin has antibacterial, antifungal, antiprotozoal, antimalarial, immunosuppressive and
Native Source	<i>Serratia marcescens</i>
Form	Dark red solid
Color	Dark red
Purity (HPLC)	> 95 %

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