

SPECIFICATION

Bilirubin Conjugate

Synthetic

GENERAL INFORMATION

Catalogue Number	910-12	Storage Temperature	-20°C
Formula	$C_{37}H_{44}N_6O_{10}S_2Na_2$	Storage Note	Protect from air, light and moisture
Formula Weight	842.9	Shipping Note	Cold packs
CAS Number	68683-34-1		
Synonyms	Bilirubin Ditaurate, disodium		

PRODUCT INFORMATION

Source	Synthetic
Form	Solid, powder
Appearance	Orange to reddish brown
Solubility	Clear, yellow to brown solution (0.1 mM, in 0.1 M EDTA pH 7.5)
UV-VIS Spectrum	Maximum at 448 - 452 nm Minimum at 324 - 330 nm
Bilirubin	Total 60 - 80% by weight Direct $\geq 90\%$ of total Direct $\geq 50\%$ by weight
Country of Manufacture	United States of America
Recertification	Two years from date of manufacture

HANDLING INFORMATION

Storage	Very hygroscopic. Protect from light. Store desiccated under an inert atmosphere at -20°C.
Reconstitution	1 mg/mL in 0.1 M EDTA, pH 7.5 or other aqueous buffer. Store at -20°C, protected from light and air.
Handling	Handle as a potentially hazardous substance.

This product is intended for research, laboratory use, or further manufacturing. It is not for use in humans.

