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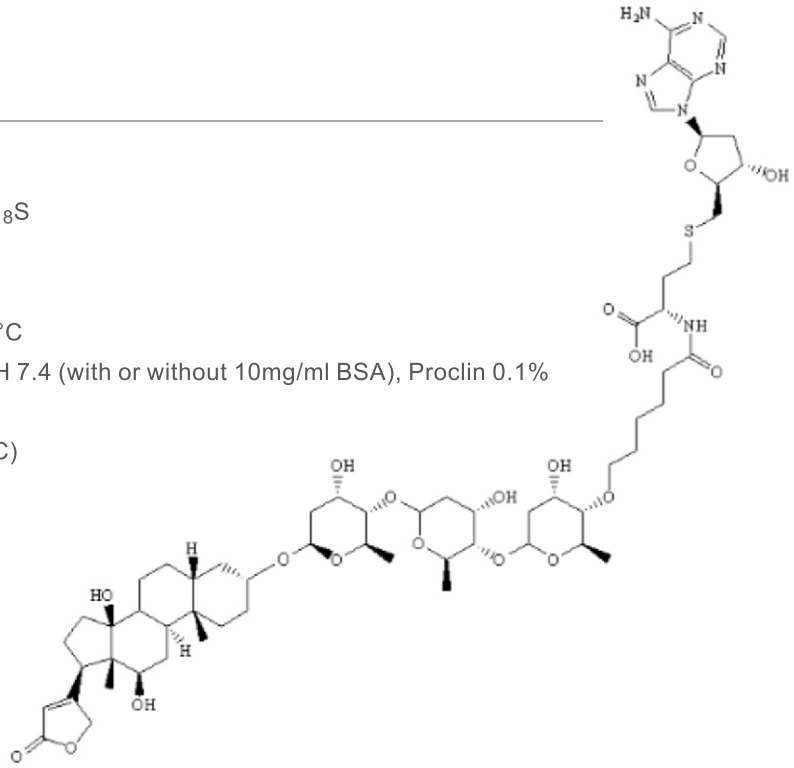
Dig–6C–SAH 1a/b/c

Product name	Dig-6C-SAH 1 a/b/c
Catalog Number	ACT00304-25/50/100
Description	Digoxin-conjugated S-adenosylhomocysteine: Digoxin is conjugated to NH2 of SAH through 6-bromocaproic acid.

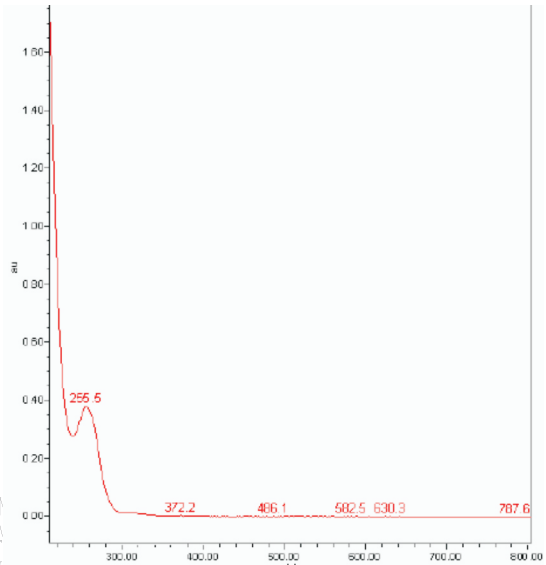
Properties

Form	Liquid
Molecular formula	$C_{61}H_{92}N_6O_{18}S$
Molecular Weight	1229.48
Structure	
Storage instructions	Store at -20°C
Storage buffer	PB 20mM pH 7.4 (with or without 10mg/ml BSA), Proclin 0.1%
Concentration	2.33 mg/ml
Purity	100% (HPLC)



Verification

The ninhydrin colorimetry and thin layer chromatography methods were used to show reactions were complete and the conjugated product has the SAH component. Thorough purification was performed in each step to ensure removal of any non-conjugated materials.Ultraviolet absorption spectrum of the conjugated product showed a peak at 255.5nm. SAH UV absorption spectrum does not show any peak.



Applications

The use of ACT00304-50/100 in the following application has been tested. Optimal concentrations should be determined by the end user. The product may be used in other not-yet-tested applications.

Application	Notes
Competitive ELISA	NO DIFFERENCE BETWEEN DIGOXIN CONJUGATED AND UNCONJUGATED SA MOLECULES IN THEIR CAPABILITIES T COMPETITIVELY BIND ANTI SAH ANTIBODY