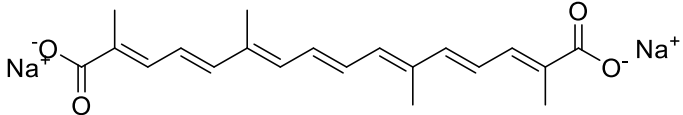


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
328085	Trans-crocetin sodium	YXM80706

Chemical name	
sodium (2E,4E,6E,8E,10E,12E,14E)-2,6,11,15-tetramethylhexadeca-2,4,6,8,10,12,14-heptaenedioate	
Synonyms	
Trans-crocetinate sodium; Trans-crocetin sodium; Transcrocetin sodium; Sodium crocetin; Trans-crocetinate sodium; TSC; NSC 407300.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 328085 Name: Trans-crocetin sodium CAS#: 591230-99-8 Lot#YXM80706 Chemical Formula: C ₂₀ H ₂₂ Na ₂ O ₄ Molecular Weight: 328.41(free) Molecular Weight: 372.37 (disodium)

Analysis item	Specifications / Results
Appearance	Orange to red solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE