

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1704	
Compound name	Tianepine Sodium salt	
Chemical name	7-[(3-Chloro-6,11-dihydro-6-methyl-5,5-dioxidodibenzo[c,f][1,2]thiazepin-11-yl)amino] heptanoic acid sodium salt	
Batch number	E0955-1-1	
Batch molecular formula	C <sub>27</sub> H <sub>24</sub> ClN <sub>2</sub> O <sub>4</sub> SNa	
Batch molecular weight	458.93	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
NMR	1H NMR consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (100 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

13/06/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.