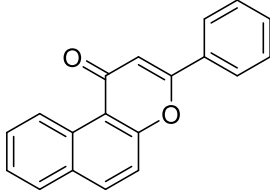




## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
540310	beta-Naphthoflavone	T9C12I19

Chemical name	
3-phenyl-1H-benzo[f]chromen-1-one	
Synonyms	
beta-Naphthoflavone; beta-NF	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 540310 Name: beta-Naphthoflavone CAS#: 6051-87-2 Lot#: T9C12I19 Chemical Formula: C <sub>19</sub> H <sub>12</sub> O <sub>2</sub> Exact Mass: 272.0837 Molecular Weight: 272.3

Analysis item	Specifications / Results
Appearance	Very pale yellow solid powder
Structure	<sup>1</sup> 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)	>99.0%(GC)
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**