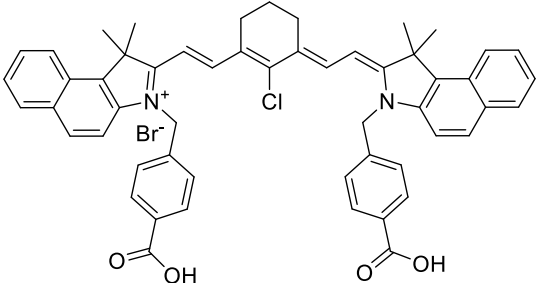




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
530336	IR-825	A8T03K18

Chemical name	
3-(4-carboxybenzyl)-2-((E)-2-((E)-3-((Z)-2-(3-(4-carboxybenzyl)-1,1-dimethyl-1,3-dihydro-2H-benzo[e]indol-2-ylidene)ethylidene)-2-chlorocyclohex-1-en-1-yl)vinyl)-1,1-dimethyl-1H-benzo[e]indol-3-ium bromide	
Synonyms	
IR-825; IR825; IR825.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 530336 Name: IR-825 CAS#: 1558079-49-4 Lot#: A8T03K18 Chemical Formula: C ₅₄ H ₄₈ BrClN ₂ O ₄ Molecular Weight: 904.342

Analysis item	Specifications / Results
Appearance	Black 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