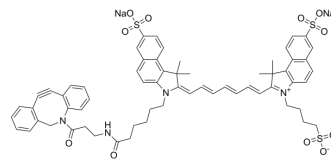


Disulfo-ICG-DBCO disodium

Cat. No.:	HY-W879228
Molecular Formula:	C ₆₃ H ₆₂ N ₄ Na ₂ O ₁₁ S ₃
Molecular Weight:	1193.36
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Disulfo-ICG-DBCO disodium is a double sulfonic acid-modified indocyanine green. Disulfo-ICG-DBCO disodium can react with d-AzAla modified bacteria to detect the bacteria by copper-free click chemistry-mediated photothermal lysis and measurement of ATP bioluminescence^[1].

REFERENCES

[1]. Zhang L, et. al. Bacteria Wear ICG Clothes for Rapid Detection of Intracranial Infection in Patients After Neurosurgery and Photothermal Antibacterial Therapy Against Streptococcus Mutans. Front Bioeng Biotechnol. 2022 Jul 6;10:932915.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA