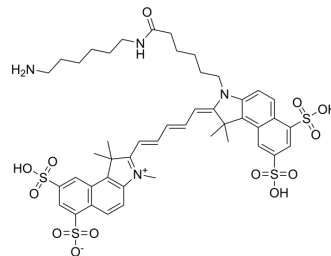


Sulfo-Cyanine5.5 amine

Cat. No.:	HY-D1376A
CAS No.:	2183440-45-9
Molecular Formula:	C ₄₆ H ₅₆ N ₄ O ₁₃ S ₄
Molecular Weight:	1001.22
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sulfo-Cyanine5.5 amine consists of four sulfonate groups and has highly hydrophilic. Sulfo-Cyanine5.5 amine is an amine-containing fluorescent dye, the aliphatic primary amine group can be coupled with various electrophiles (activated esters, epoxides, etc). Sulfo-Cyanine5.5 amine can be used for the research of far red/NIR applications (such as in vivo imaging) and also can be used for enzymatic transamination labeling^[1].

REFERENCES

[1]. Yasuaki Anami, et al. Homogeneity of antibody-drug conjugates critically impacts the therapeutic efficacy in brain tumors. Cell Rep. 2022 May 24;39(8):110839.

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

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