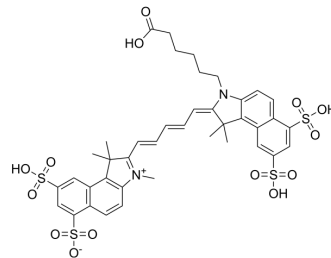


Sulfo-Cyanine5.5 carboxylic acid

Cat. No.:	HY-D1366
CAS No.:	2183440-68-6
Molecular Formula:	C ₄₀ H ₄₂ N ₂ O ₁₄ S ₄
Molecular Weight:	903.03
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 carboxylic acid (CI Pigment violet 32) is a water-soluble, far-red emitting fluorophore. Due to its four sulfo groups, this dye has a negative charge at neutral pH and is very hydrophilic. As a cyanine dye, sulfo-Cyanine5.5 shows a very low dependence of fluorescence on pH and a very high extinction coefficient.

REFERENCES

[1]. Wild A.R, et al. Synapse-to-Nucleus Communication through NFAT Is Mediated by L-type Ca²⁺ Channel Ca²⁺ Spike Propagation to the Soma. Cell Reports, 2019, 26, 3537-3550.e4.

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

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