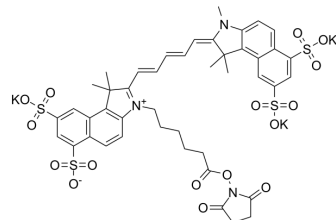


## Sulfo-CY-5.5 NHS ester tripotassium

Cat. No.:	HY-D1389
CAS No.:	2419286-92-1
Molecular Formula:	C <sub>44</sub> H <sub>42</sub> K <sub>3</sub> N <sub>3</sub> O <sub>16</sub> S <sub>4</sub>
Molecular Weight:	1114.37
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### BIOLOGICAL ACTIVITY

#### Description

Sulfo-CY-5.5 NHS ester (Sulfo-Cyanine5.5 NHS ester) tripotassium is an amine-reactive ester of sulfonated far-red Cyanine5.5 fluorophore, which can be used to label antibodies, proteins, etc., as well as for in vivo NIR imaging<sup>[1]</sup>.

### REFERENCES

[1]. Xiaoyu Xu, et al. Microfluidic-assisted biomineralization of CRISPR/Cas9 in near-infrared responsive metal-organic frameworks for programmable gene-editing. *Nanoscale*. 2022 Nov 3;14(42):15832-15844.

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

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