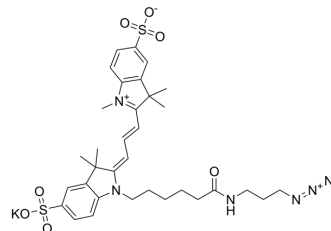


Sulfo-cyanine3 azide potassium

Cat. No.:	HY-D1274C
Molecular Formula:	C ₃₃ H ₄₁ KN ₆ O ₇ S ₂
Molecular Weight:	736.94
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

Sulfo-cyanine3 azide potassium is an azide cyanine dye and fluorescent probe (Ex/Em=548/563 nm). Sulfo-cyanine3 azide potassium can be used for synthesis of fused tricyclic heterocycles, producing immunostimulatory agents^{[1][2]}.

REFERENCES

- [1]. Hsieh PY, et al. Harnessing Fluorescent Moenomycin A Antibiotics for Bacterial Cell Wall Imaging Studies. *ChemBiochem*. 2021 Dec 10;22(24):3462-3468.
- [2]. David, Sunil A, et al. Preparation of fused tricyclic heterocycles as therapeutic compounds and methods of use thereof: World Intellectual Property Organization, WO2020009946[P]. 2020-01-09.
- [3]. David, et al. Preparation of fused tricyclic heterocycles as therapeutic compounds and methods of use thereof: World Intellectual Property Organization, WO2020009946[P]. 2020-01-09.

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

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