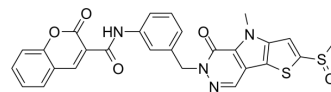


TEPC466

Cat. No.:	HY-D1456
CAS No.:	2621957-88-6
Molecular Formula:	C ₂₇ H ₂₀ N ₄ O ₅ S ₂
Molecular Weight:	544.6
Target:	Pyruvate Kinase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

TEPC466 is a novel TEPP-46-based aggregation-induced emission (AIE) probe. TEPC466 shows a high degree of selectivity and sensitivity for the detection of PKM2 protein via the AIE effect. EPC466 can be used for the detection of PKM2. TEPC466 is successfully applied in imaging the PKM2 protein in colorectal cancer cells with low toxicity. TEPC466 is a useful tool for cancer diagnosis and research^[1].

REFERENCES

[1]. Wang D, et al. TEPP-46-Based AIE Fluorescent Probe for Detection and Bioimaging of PKM2 in Living Cells. *Anal Chem.* 2021;93(37):12682-12689.

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

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