

Product data sheet



MedKoo Cat#: 572301 Name: QZM 00829 CAS: 1798331-92-6 Chemical Formula: C ₄₅ H ₆₅ ClN ₂ O ₁₀ Molecular Weight: 829.47	 or
Product supplied as: Powder	
Purity (by HPLC): ≥ 98%	
Shipping conditions: Ambient temperature	
Storage conditions: Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.	

1. Product description:

QZM 00829, also known as N-methyl-N'-methyl-O-(m-PEG4)-O'-(propargyl-PEG4)-Cy3 is a PEG derivative containing cyanine dye with excitation/emission maximum 555/570 nm and an alkyne group, which enables copper-catalyzed Click Chemistry. The hydrophilic PEG spacer increases solubility in aqueous media.

This product has no formal name at the moment. For the convenience of communication, a temporary code name was therefore proposed according to MedKoo Chemical Nomenclature (see web page: <https://www.medkoo.com/page/naming>).

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under "QC And Documents" section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
To be determined	To be determined	To be determined

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.21 mL	6.03 mL	12.06 mL
5 mM	0.24 mL	1.21 mL	2.41 mL
10 mM	0.12 mL	0.60 mL	1.21 mL
50 mM	0.02 mL	0.12 mL	0.24 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of "Calculator"

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

To be determined

In vivo study

To be determined

7. Bioactivity

Biological target:

QZM 00829 is a PEG derivative containing cyanine dye with excitation/emission maximum 555/570 nm and an alkyne group, which enables copper-catalyzed Click Chemistry.

In vitro activity

To be determined

In vivo activity

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To be determined

Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.