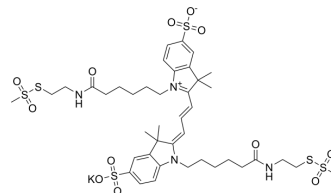


## Cyanine 3 Bisfunctional MTSEA Dye potassium

Cat. No.:	HY-D1414
Molecular Formula:	C <sub>41</sub> H <sub>57</sub> KN <sub>4</sub> O <sub>12</sub> S <sub>6</sub>
Molecular Weight:	1029.4
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Cyanine 3 Bisfunctional MTSEA Dye potassium belongs to the cyanine dye series and is a common fluorescent marker for biomolecules that can interact with biomolecules. Cyanine dyes may also bind to double-helical DNA through intercalation and exhibit enhanced fluorescence upon binding.

### REFERENCES

[1]. Armitage B.A. Cyanine dye–DNA interactions: intercalation, groove binding, and aggregation[J]. DNA Binders and Related Subjects: -/, 2005: 55-76.

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

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