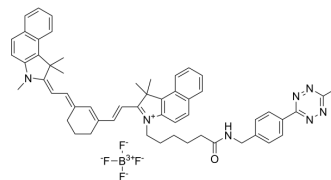


## Cy7.5 tetrazine tetrafluoroborate

Cat. No.:	HY-D1847
Molecular Formula:	C <sub>55</sub> H <sub>58</sub> BF <sub>4</sub> N <sub>7</sub> O
Molecular Weight:	919.9
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Cy7.5 tetrazine tetrafluoroborate is a dye derivative of Cyanine 7.5 (Cy7.5) (HY-D0926) bearing a tetrazine group. Cy7.5 is a near-infrared fluorescent dye commonly used for biolabeling and cell imaging. Cy7.5 tetrazine tetrafluoroborate can perform efficient click reactions with molecules containing alkyne functional groups (such as alkyne) to form covalent bonds. It can be combined with biological molecules such as proteins and antibodies to track their location and dynamic changes in biological samples.

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

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