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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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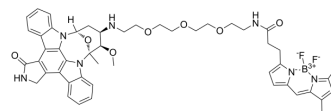
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BODIPY-FL staurosporine

Cat. No.:	HY-D2415
CAS No.:	2411845-57-1
Molecular Formula:	C ₄₉ H ₅₄ BF ₂ N ₇ O ₇
Molecular Weight:	901.8
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BODIPY-FL staurosporine (Compound 8a) is a fluorescence probe based on staurosporine, exhibiting high specificity towards tyrosine kinases (TK) and tyrosine kinase-like (TKL) family kinases. BODIPY-FL staurosporine has the potential to develop binding assays for kinases that are not recommended for use with Kinase Tracer 236, such as PIM3, CDC42BPG, MAP2K7, TXK, and SIK3. BODIPY-FL staurosporine can be a powerful tool for analyzing kinase selectivity in kinase drug discovery^[1].

REFERENCES

[1]. Hirozane Y, et al. Structure-based rational design of staurosporine-based fluorescent probe with broad-ranging kinase affinity for kinase panel application[J]. Bioorganic & medicinal chemistry letters, 2019, 29(21): 126641.

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

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