



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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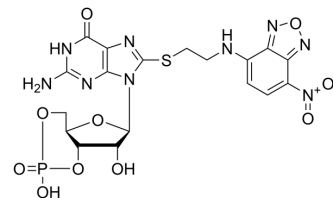
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8-NBD-cGMP

Cat. No.:	HY-134311
CAS No.:	115993-88-9
Molecular Formula:	C ₁₈ H ₁₈ N ₉ O ₁₀ PS
Molecular Weight:	583.43
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

8-NBD-cGMP is a fluorescent analog of cyclic guanosine monophosphate and a potent, membrane-permeable, fluorescent activator of cGMP-dependent protein kinase isozymes I α and I β . 8-NBD-cGMP is barely fluorescent in aqueous solution but fluoresces strongly in hydrophobic environments such as hydrophobic protein binding sites^[1]

REFERENCES

[1]. Schmidpeter, et al. Ligand binding and activation properties of the purified bacterial cyclic nucleotide-gated channel SthK. Journal of General Physiology 150.6 (2018): 821-834.

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

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