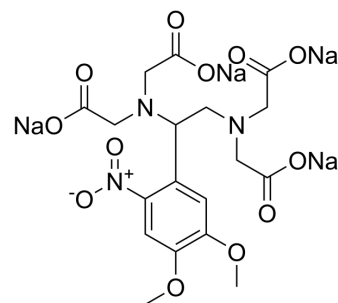


DM-Nitrophen tertasodium

Cat. No.:	HY-126789A
CAS No.:	291517-40-3
Molecular Formula:	C ₁₈ H ₁₉ N ₃ Na ₄ O ₁₂
Molecular Weight:	561.32
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DM-Nitrophen tertasodium is a Ca²⁺ cage. DM-Nitrophen releases Ca²⁺ when cleaved upon illumination with near-ultraviolet light^[1]. DM-Nitrophen tertasodium can be used for study of Ca²⁺ signaling^[1].

REFERENCES

[1]. Ellis-Davies GC, et, al. Laser photolysis of caged calcium: rates of calcium release by nitrophenyl-EGTA and DM-nitrophen. *Biophys J.* 1996 Feb;70(2):1006-16.

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

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