

CNV Dopamine

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	CNV Dopamine is a carboxynitroveratryl (CNV)-caged dopamine; releases dopamine upon ultraviolet light stimulation (365 nm). Induces dopaminergic currents upon photolysis in brain slices expressing wild-type or GFP-labeled D2receptors. Displays no decrease in current (rundown) with UV light flash duration of up to 100 ms. Pharmacologically inactive prior to photolysis.
Targets(IC50)	Others

Reference

Robinson et al (2017) Desensitized D 2 autoreceptors are resistant to trafficking. Sci.Rep. 7 4379 PMID: 28663556

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481