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## Certificate of Analysis

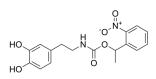
### NPEC-caged-dopamine

| Cat. No.:      | HY-103427  |
|----------------|--|
| CAS No.:       | 1257326-23-0   |
| Batch No.:     | 362060   |
| Chemical Name: | Carbamic acid, N-[2-(3,4-dihydroxyphenyl)ethyl]-, 1-(2-nitrophenyl)ethyl ester |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_{17}H_{18}N_2O_6$ |       |          |
|--------------------|----------------------|-------|----------|
| Molecular Weight:  | 346.33               |       |          |
| Storage:           | Powder               | -20°C | 3 years  |
|                    |                      | 4°C   | 2 years  |
|                    | In solvent           | -80°C | 6 months |
|                    |                      | -20°C | 1 month  |

#### **Chemical Structure:**



#### ANALYTICAL DATA

| Appearance:                  | Light yellow to yellow (Solid)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 99.94%  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |
|                              |   |

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

Tel: 609-228-6898

Fax: 609-228-5909

9 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA