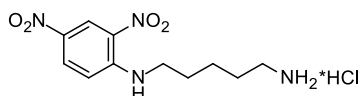


Product number **D002**
Revision number **RN3.0**

Product Name N-(2,4-Dinitrophenyl)cadaverine
Quantity 100 mg
Application Fluorescence quenching amine donor substrate for transglutaminases, used as co-substrate of transglutaminase activity assay together with Dansyl-Ahx-Gln-Gln-Ile-Val-OH (D001)
Molecular Formula C₁₁H₁₇ClN₄O₄ (free base: C₁₁H₁₇N₄O₄)
Molecular Weight 304.73 (free base: 268.27)

Chemical Structure



Purity by HPLC >95 % (214 nm)
Solubility 4 mM in aqueous buffers
Appearance Yellow crystalline solid
Spectral properties: $\lambda_{Ex, max} = 346$ nm (solvent: MeOH)
Storage Store at -20°C, desiccate
Related products D001 Dansyl-Ahx-Gln-Gln-Ile-Val-OH
Reference(s) Lorand *et al. Exp. Eye Res.* **1998**, 66, 531.
Lorand *et al. J. Biol. Chem.* **1997**, 272, 10311.
Lorand *et al. Proc. Natl. Acad. Sci.* **1992**, 89, 11161.
Parameswaran *et al. J. Biol. Chem.* **1997**, 272, 10311.
Murthy *et al. Exp. Eye Res.* **1998**, 67, 273.
Release date 02 December 2021

NOTE INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.