

Product Data Sheet



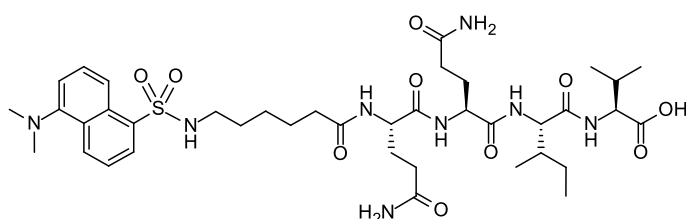
Product number **D001**
Revision number **RN3.0**

Product Name Dansyl-ε-Aminohexanoyl-Gln-Gln-Ile-Val-OH
Synonym Dansyl-Ahx-Gln-Gln-Ile-Val-OH
Quantity 25 mg / 100 mg
Application Fluorescent glutamine donor substrate for tissue Transglutaminase.
Component of TGase-activity assay

Molecular Formula C₃₉H₆₀N₈O₁₀S

Molecular Weight 833.01

Chemical Structure



Purity by HPLC >95 % (214 nm)

Solubility 1 mM in 5 % DMSO / 50 mM Tris-buffer, pH = 7.5
Please note: First dissolve in DMSO, then dilute with buffer to final concentration. DMSO stock solutions can be stored at -20°C for at least 6 months. To avoid too many freeze-thaw cycles, we strongly recommend storage of aliquots.

Appearance Pale green crystalline solid

Storage Store at -20°C, desiccate, protect from light

Related products D002 N-(2,4-Dinitrophenyl)cadaverine

Reference(s) Messersmith *et al. J. Am. Chem. Soc.* **2003**, 125, 14298.
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.

Release date 02 December 2021

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