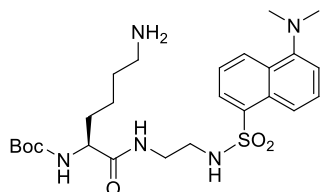


Product Data Sheet



Product number **K004**
Revision number **RN2.0**

Product Name KxD, Boc-Lys-en-DNS
Application Fluorescent amine donor substrate for transglutaminases
Molecular Formula C₂₅H₃₉N₅O₅S
Molecular Weight 521.27
Chemical Structure



Purity by HPLC >95 % (214 nm)
Solubility >25 mM in water
Dissolve e.g. 10 mg (19.2 µmol) in 767 µl water to obtain a 25 mM (13 mg/ml) solution.
Appearance Pale yellow solid
Storage Store at -15 to -25°C, desiccate
Related products D006 N-(Dansyl)cadaverine
T002 Human tissue transglutaminase
Reference(s) Schaertl, S. *et al. J. Biomol. Screen.* **2010**, 15, 478.
Case, A. *et al. Biochemistry* **2007**, 46, 1106.
Release date 21 December 2021
NOTE INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.