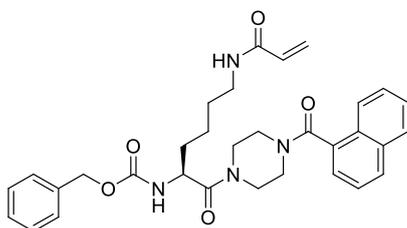


Product Number **Z015**
Revision Number **RN2.0**

Product Name Keillor inhibitor AA9
CAS 2134114-20-6
Application Potent irreversible transglutaminase inhibitor that shows good selectivity for tissue transglutaminase.
 $K_i = 9 \mu\text{M}$; $k_{\text{inact}}/K_i = 0.10 \mu\text{M}^{-1}\text{min}^{-1}$ [1]
Molecular Formula $\text{C}_{32}\text{H}_{36}\text{N}_4\text{O}_5$
Molecular Weight 556.65
Chemical Structure



Purity by HPLC >95 % (214 nm)
Solubility 500 μM in 5% (v/v) DMSO / aqueous buffers.
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 White solid
Storage Store at -20°C , desiccate, keep away from light.
Related Products
Z016 Keillor inhibitor NC9
Z017 Keillor inhibitor VA4
Z006 Z-DON-Val-Pro-Leu-OMe, "Z-DON"
B003 Boc-DON-Gln-Ile-Val-OMe, Boc-DON
A102 TG2-Assay Substance
F002 Tissue Transglutaminase Assay Kit
T002 Human tissue transglutaminase
Reference(s) [1] A. Akbar *et al. J. Med. Chem.* **2017**, *60*, 7910-7927.
Release date 30 December 2021
NOTE INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.