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DATASHEET

Z-Leu-Leu-Leu-AMC

Product overview

Name Z-Leu-Leu-Leu-AMC

 Cat No
 HB4133

 Purity
 >95%

Description Fluorogenic tri-peptide substrate. Useful for measuring trypsin-like 20S proteasome peptidase activity.

Biological Data

Biological description Fluorogenic substrate for measuring the chymotrypsin-like peptidase activity of the 20S proteasome.

Excitation: 345nm. Emission: 445nm. This substrate is useful for inhibitor screening and kinetic

analysis.

Solubility & Handling

Storage instructions +4°0

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Molecular Weight 648.8

Chemical structure

CAS Number 152015-61-7

PubChem identifier

c3C(=CC(=O)Oc3c2)C

InChiKey MBZJQSNQQJWUBH-DTXPUJKBSA-N

Appearance Solid lyophilized powder