

Product Data Sheet



Product Number **Z011**
Revision Number **RN3.0**

Product Name Z-(**D**)-DON-Val-Pro-Leu-OMe, "Z-(**D**)-DON"
This compound is **1,000 fold less potent** than the parent molecule Z-DON-VPL-OMe (Z006)

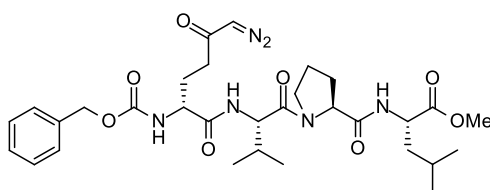
Quantity 10 mg

Application Biochemical control to Z-DON-VPL-OMe (Z006)
IC₅₀ ~ 20.000 nM (compared to 20 nM for Z-DON-VPL-OMe)

Molecular Formula C₃₁H₄₄N₆O₈

Molecular Weight 628.72

Chemical Structure



Purity by HPLC >90 % (214 nm)

Solubility 100 µM in 2% (v/v) DMSO or 2% (v/v) Ethanol / aqueous buffers.
Pre-dissolve e.g. 3.14 mg (5 µmol) in 1 ml DMSO or 1 ml Ethanol - dilute by adding 49 ml buffer to obtain a 100 µM solution.

Appearance Pale yellow solid

Storage Store at -20°C, desiccate

Related Products Z006 Z-DON-Val-Pro-Leu-OMe (active L-isomer of Z011)

Reference(s) None yet

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