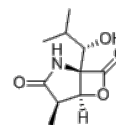


Product Name : Omuralide
Cat. No. : PC-61314
CAS No. : 154226-60-5
Molecular Formula : C₁₀H₁₅NO₄
Molecular Weight : 213.233
Target : Proteasome
Solubility : 10 mM in DMSO



Biological Activity

Omuralide (Clasto-lactacystin) is a potent **20S proteasome** inhibitor with IC₅₀ of 49 nM (inhibition of proteasomal chymotrypsin-like proteolytic activity).

References

Corey EJ, et al. Chem Pharm Bull (Tokyo). 1999 Jan;47(1):1-10.

List A, et al. Angew Chem Int Ed Engl. 2014 Jan 7;53(2):571-4.

Feling RH, et al. Angew Chem Int Ed Engl. 2003 Jan 20;42(3):355-7.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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