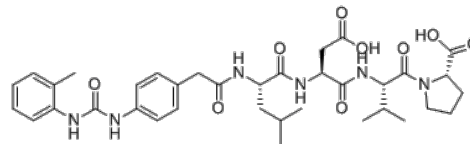


Product Name : BIO1211
Cat. No. : PC-35546
CAS No. : 187735-94-0
Molecular Formula : C₃₆H₄₈N₆O₉
Molecular Weight : 708.813
Target : Integrin
Solubility : 10 mM in DMSO



Biological Activity

BIO1211 (BIO-1211) is a potent, highly specific **integrin $\alpha 4\beta 1$** (VLA-4) inhibitor with K_d/IC₅₀ of 20 pM/4 nM for the activated form of $\alpha 4\beta 1$.

BIO1211 displays >200-fold selectivity over a range of other integrins (IC₅₀ >100 μ M for $\alpha 1\beta 1$, $\alpha 5\beta 1$ and $\alpha 6\beta 1$), and reacts only with activated VLA4.

BIO1211 inhibits ovalbumin-induced lung inflammation in vivo.

References

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Koo GC, et al. *Am J Respir Crit Care Med*. 2003 May 15;167(10):1400-9.

Karanam BV, et al. *Xenobiotica*. 2007 May;37(5):487-502.

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

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