

$\alpha$ M $\beta$ 2 integrin agonist-1

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	$\alpha$ M $\beta$ 2 integrin agonist-1 (Compound 8) is a highly selective $\alpha$ M $\beta$ 2 integrin agonist with anti-inflammatory properties (EC <sub>50</sub> =1.4 nM). It activates integrin-mediated cell adhesion and the JNK/ERK signaling pathway. Additionally, $\alpha$ M $\beta$ 2 integrin agonist-1 induces polarization of tumor-associated macrophages and enhances antitumor T-cell immune responses. This compound holds potential for research in cancer and chronic inflammatory diseases such as pancreatic cancer and rheumatoid arthritis.
Targets(IC50)	Integrin

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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