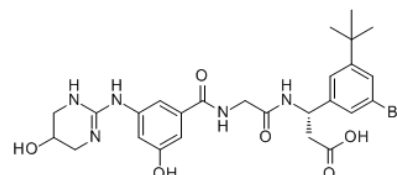


Product Name : CWHM-12
Cat. No. : PC-45501
CAS No. : 1564286-55-0
Molecular Formula : C₂₆H₃₂BrN₅O₆
Molecular Weight : 590.4662
Target : Integrin
Solubility : DMSO: 10.5 mg/mL



Biological Activity

A novel active RGD peptidomimetic inhibitor of αv integrin with IC₅₀s of 1.8/0.8/61/1.5/0.2 nM for $\alpha v\beta 1/\alpha v\beta 3/\alpha v\beta 5/\alpha v\beta 6/\alpha v\beta 8$; no inhibition on $\alpha IIb\beta 3$, $\alpha 2\beta 1$ and $\alpha 10\beta 1$ (>50 μ M); significantly inhibits progression of pulmonary fibrosis in mice model.

Cystic Fibrosis

Preclinical

References

Henderson NC, et al. Nat Med. 2013 Dec;19(12):1617-24.

Ulmasov B, et al. Cell Mol Gastroenterol Hepatol. 2016 Mar 16;2(4):499-518.

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

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