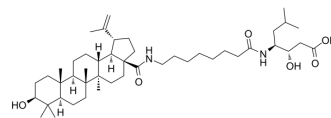


## RPR103611

Cat. No.:	HY-146338
CAS No.:	150840-75-8
Molecular Formula:	C <sub>46</sub> H <sub>76</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	755.12
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	RPR103611, the betulinic acid derivative, is a potent HIV-1 entry inhibitor with IC <sub>50</sub> s of 80, 0.27, and 0.17 for CCR5-tropic virus YU2, CXCR4-tropic virus NL4-3 and dual tropic virus 89.6, respectively <sup>[1]</sup> .
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### REFERENCES

[1]. Reon Takeuchi, et al. Design, synthesis, and bio-evaluation of novel triterpenoid derivatives as anti-HIV-1 compounds. *Bioorg Med Chem Lett.* 2022 Aug 1;69:128768.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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