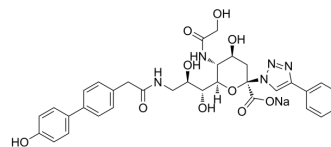


## CD22 ligand-1

Cat. No.:	HY-146081
CAS No.:	2493080-27-4
Molecular Formula:	C <sub>33</sub> H <sub>34</sub> N <sub>5</sub> NaO <sub>10</sub>
Molecular Weight:	683.64
Target:	CD22
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	CD22 ligand-1 (compound 12) is a potent and selective CD22 ligand with K <sub>D</sub> of 0.335, 30.7 μM for hCD22 and MAG, respectively. CD22 ligand-1 has the potential for the research of B-cell related disease <sup>[1]</sup> .
IC <sub>50</sub> & Target	K <sub>D</sub> : 0.335 μM (hCD22); 30.7 μM (MAG) <sup>[1]</sup>

### REFERENCES

[1]. Abdu-Allah HHM, et al. Design, synthesis and molecular docking study of α-triazolylsialosides as non-hydrolyzable and potent CD22 ligands. Eur J Med Chem. 2020 Dec 15;208:112707.

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

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