

Product Data Sheet

Inhibitors

Screening Libraries

Proteins

CB2 receptor antagonist 1

Cat. No.: HY-147707

CAS No.: 2772693-05-5

Molecular Formula: $C_{28}H_{47}NO_3$ Molecular Weight: 445.68

Target: Cannabinoid Receptor

Pathway: GPCR/G Protein; Neuronal Signaling

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.



BIOLOGICAL ACTIVITY

Description

Hexyl resorcinol derivative 29 has been proved to be a CB2 selective competitive antagonist / reverse agonist with good potency. Olivanol and 5- (2-methyloctane-2-yl) resorcinol derivatives 23 and 24 showed significant antinociceptive activity. Compound 24 was shown to activate cannabinoid and TRPV1 receptors.

REFERENCES

[1]. Brizzi A,et al. Synthetic bioactive olivetol-related amides: The influence of the phenolic group in cannabinoid receptor activity. Bioorg Med Chem. 2020 Jun 1;28(11):115513.

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

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