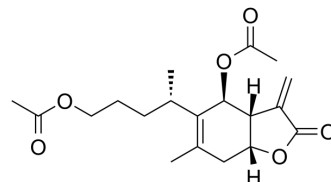


Britannilactone diacetate

Cat. No.:	HY-N4190
CAS No.:	1286694-67-4
Molecular Formula:	C ₁₉ H ₂₆ O ₆
Molecular Weight:	350.41
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Britannilactone diacetate (1,6-O,O-Diacetylbritannilactone; Compound 2) exhibits potential NO inhibition effect. Britannilactone diacetate exhibits activity against NO production induced by LPS in BV-2 microglial cells with the EC₅₀ value of 6.3 μM. Britannilactone diacetate exhibits a favorable blood-brain barriers (BBB) penetration and absorption, distribution, metabolism, excretion, and toxicity (ADMET) property^[1].

REFERENCES

[1]. Tang JJ, et al. 1,10-Seco-Eudesmane sesquiterpenoids as a new type of anti-neuroinflammatory agents by suppressing TLR4/NF-κB/MAPK pathways. Eur J Med Chem. 2021 Nov 15;224:113713.

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

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