

Product Datasheet

Paeoniflorin-6'-O-benzene sulfonate (orb3028935)

Catalog Number	orb3028935
Category	Small Molecules
Description	Paeoniflorin-6'-O-benzene sulfonate (CP-25) acts as an inhibitor of G protein-coupled receptor kinase 2 (GRK2), preventing its translocation to the cell membrane and inhibiting the JAK1/STAT3 signaling pathway. It suppresses HaCaT cell proliferation induced by IL-17A/CXCL2. In mouse models, CP-25 reduces the levels of inflammatory cytokines and chemokines such as IL-17A, IL-17F, IFN- γ , TNF- α , IL-22, IL-23, CXCL2, CXCL3, and CXCL9, thereby alleviating psoriasis induced by Imiquimod.
Target	STAT, Interleukin, TNF, IFNAR, JAK, GRK, CXCR
MW	620.622
CAS Number	1390658-79-3
Formula	C ₂₉ H ₃₂ O ₁₃ S
SMILES	<chem>C(OC(=O)C1=CC=CC=C1)[C@@]23[C@@]4(O[C@@H]5O[C@H](COS(=O)(=O)C6=CC=CC=C6)[C@@H](O)[C@H](O)[C@H]5O)[C@@]7(C)O[C@@]2(O[C@@](O)([C@@]3(C4)[H])C7)[H]</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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