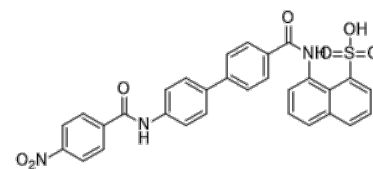


Product Name : DRI-C21041
Cat. No. : PC-23564
CAS No. : 2101765-78-8
Molecular Formula : C₃₀H₂₁N₃O₇S
Molecular Weight : 567.57
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 2101765-78-8

Biological Activity

DRI-C21041 is a specific small molecule inhibitor of **CD40-CD40L** costimulatory interaction with IC₅₀ of 0.31 μM in cell-free in vitro binding inhibition assay.

DRI-C21041 displays no activity against TNF-R1–TNF-α interaction.

DRI-C21041 concentration-dependently inhibits CD40L-induced marker expression (CD54, CD86, CD80, MHC-II) in THP cells

DRI-C21041 exhibits concentration-dependent inhibition of CD40L-induced human B-cell function with IC₅₀ of 13.2 μM.

DRI-C21041 concentration-dependently inhibits CD40L-induced B cell proliferation.

References

Chen J, et al. *J Med Chem.* (2017) 60:8906–22.

Bojadzic D, et al. *Molecules.* (2018) 23:1153.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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