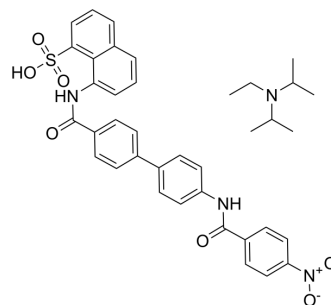


DRI-C21041 (DIEA)

Cat. No.:	HY-154821A
Molecular Formula:	C ₃₈ H ₄₀ N ₄ O ₇ S
Molecular Weight:	696.81
Target:	TNF Receptor
Pathway:	Apoptosis
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (7.18 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.4351 mL	7.1756 mL	14.3511 mL
	5 mM	0.2870 mL	1.4351 mL	2.8702 mL
	10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

DRI-C21041 DIEA is a CD40/CD40L interaction inhibitor, with an IC₅₀ of 0.31 μM. DRI-C21041 DIEA inhibits the immune response induced by alloantigen^[1].

In Vitro

DRI-C21041 DIEA inhibits CD40L-induced B-cell activation, proliferation, and the activation of NF-κB^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lu H, et, al. Recent advances in the development of protein-protein interactions modulators: mechanisms and clinical trials. Signal Transduct Target Ther. 2020 Sep 23;5(1):213.

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

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