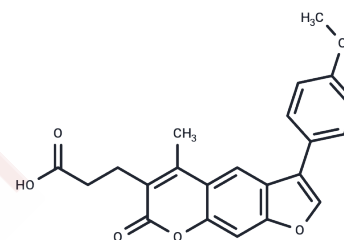


## Scaff10-8

## Chemical Properties

CAS No. :	777857-56-4
Formula:	C <sub>22</sub> H <sub>18</sub> O <sub>6</sub>
Molecular Weight:	378.37
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Scaff10-8 is an inhibitor of AKAP-Lbc-RhoA interaction that acts by promoting the translocation of aquaporin-2 to the plasma membrane of renal collecting duct principal cells.
Targets(IC50)	Others, ROCK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6429 mL	13.2146 mL	26.4292 mL
5 mM	0.5286 mL	2.6429 mL	5.2858 mL
10 mM	0.2643 mL	1.3215 mL	2.6429 mL
50 mM	0.0529 mL	0.2643 mL	0.5286 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Schrade K, Tröger J, Eldahshan A, Zühlke K, Abdul Azeez KR, Elkins JM, Neuenschwander M, Oder A, Elkewedi M, Jaksch S, Andrae K, Li J, Fernandes J, Müller PM, Grunwald S, Marino SF, Vukićević T, Eichhorst J, Wiesner B, Weber M, Kapiloff M, Rocks O, Daumke O, Wieland T, Knapp S, von Kries JP, Klussmann E. An AKAP-Lbc-RhoA interaction inhibitor promotes the translocation of aquaporin-2 to the plasma membrane of renal collecting duct principal cells. PLoS One. 2018 Jan 26;13(1):e0191423. doi: 10.1371/journal.pone.0191423. eCollection 2018. PubMed PMID: 29373579; PubMed Central PMCID: PMC5786306.

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