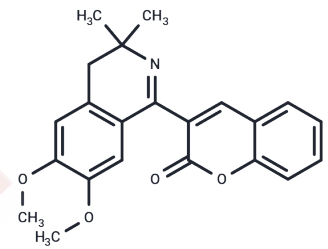


## TRPC6-PAM-C20

## Chemical Properties

CAS No. :	667427-75-0
Formula:	C <sub>22</sub> H <sub>21</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	363.41
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	TRPC6-PAM-C20 is a selective TRPC6 positive allosteric modulator that induces a transient increase in intracellular Ca <sup>2+</sup> with an EC <sub>50</sub> of 2.37 μM in HEK cells expressing TRPC6 and enhances OAG-induced platelet aggregation.
Targets(IC <sub>50</sub> )	TRP/TRPV Channel

## Solubility Information

Solubility	DMSO: 90 mg/mL (247.65 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7517 mL	13.7586 mL	27.5171 mL
5 mM	0.5503 mL	2.7517 mL	5.5034 mL
10 mM	0.2752 mL	1.3759 mL	2.7517 mL
50 mM	0.055 mL	0.2752 mL	0.5503 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

Häfner S, Urban N, Schaefer M. Discovery and characterization of a positive allosteric modulator of transient receptor potential canonical 6 (TRPC6) channels. Cell Calcium. 2019 Mar;78:26-34.

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