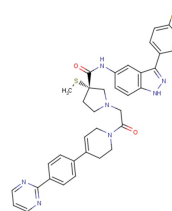


## ERK2 IN-1

## Chemical Properties

CAS No.:	1093061-47-2
Formula:	C <sub>36</sub> H <sub>34</sub> FN <sub>7</sub> O <sub>2</sub> S
Molecular Weight:	647.76
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	ERK2 IN-1 is a selective ERK2 inhibitor with an IC <sub>50</sub> of 7 nM.
Targets(IC <sub>50</sub> )	ERK2: 7 nM
In vitro	ERK1/2 IN-1 maintains good ERK enzymatic activity and cellular activity in BRAF/KRAS mutant wildtype cancer cell lines .

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.544 mL	7.719 mL	15.438 mL
5 mM	0.309 mL	1.544 mL	3.088 mL
10 mM	0.154 mL	0.772 mL	1.544 mL
50 mM	0.031 mL	0.154 mL	0.309 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Boga SB, Discovery of 3(S)-thiomethyl pyrrolidine ERK inhibitors for oncology. Bioorg Med Chem Lett. 2018 Jun 15;28(11):2029-2034.

Inhibitors · Natural Compounds · Compound Libraries

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