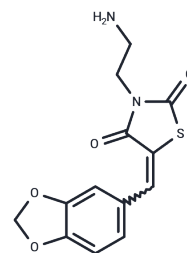


## ERK1/2 inhibitor 12

## Chemical Properties

CAS No. :	350509-85-2
Formula:	C <sub>13</sub> H <sub>12</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	292.31
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	ERK1/2 inhibitor 12 (compound 76.3) is an ERK1/2 inhibitor that suppresses ERK-mediated phosphorylation of caspase-9 and p90Rsk-1 kinases. It exhibits anticancer properties and is applicable in cancer research.
Targets(IC50)	ERK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.421 mL	17.1051 mL	34.2103 mL
5 mM	0.6842 mL	3.421 mL	6.8421 mL
10 mM	0.3421 mL	1.7105 mL	3.421 mL
50 mM	0.0684 mL	0.3421 mL	0.6842 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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