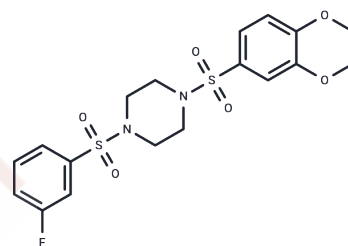


## PKM2 activator 5

## Chemical Properties

CAS No. : 796092-26-7  
 Formula: C<sub>18</sub>H<sub>19</sub>FN<sub>2</sub>O<sub>6</sub>S<sub>2</sub>  
 Molecular Weight: 442.48  
 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	PKM2 activator 5 is a novel and potent PKM2 activator (AC <sub>50</sub> : 0.316 μM) with potential anticancer activity for the study of cancer metabolism-related diseases.
Targets(IC <sub>50</sub> )	PKM

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.260 mL	11.2999 mL	22.5999 mL
5 mM	0.452 mL	2.260 mL	4.520 mL
10 mM	0.226 mL	1.130 mL	2.260 mL
50 mM	0.0452 mL	0.226 mL	0.452 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

Boxer MB, et al. Evaluation of substituted N,N'-diarylsulfonamides as activators of the tumor cell specific M2 isoform of pyruvate kinase. J Med Chem. 2010 Feb 11;53(3):1048-55.

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