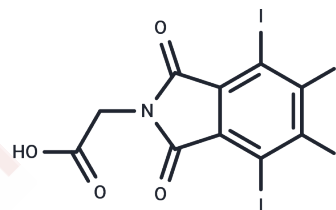


TID43

## Chemical Properties

CAS No. : 19231-60-8  
 Formula: C<sub>10</sub>H<sub>3</sub>I<sub>4</sub>N<sub>2</sub>O<sub>4</sub>  
 Molecular Weight: 708.755  
 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	TID43, a CK2 inhibitor, exhibits potent inhibition with an IC <sub>50</sub> value of 0.3 μM. It is applicable in anti-angiogenic research [1].
Targets(IC <sub>50</sub> )	Others,Casein Kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4109 mL	7.0546 mL	14.1091 mL
5 mM	0.2822 mL	1.4109 mL	2.8218 mL
10 mM	0.1411 mL	0.7055 mL	1.4109 mL
50 mM	0.0282 mL	0.1411 mL	0.2822 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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