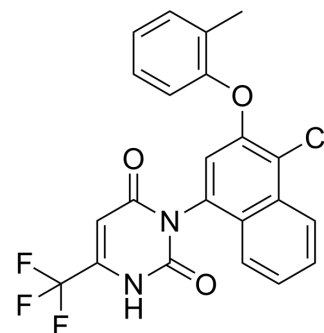


## BAY-5000

Cat. No.:	HY-148242B		
CAS No.:	2639435-48-4		
Molecular Formula:	C <sub>22</sub> H <sub>14</sub> ClF <sub>3</sub> N <sub>2</sub> O <sub>3</sub>		
Molecular Weight:	446.81		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 250 mg/mL (559.52 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2381 mL	11.1904 mL	22.3809 mL
	5 mM	0.4476 mL	2.2381 mL	4.4762 mL
	10 mM	0.2238 mL	1.1190 mL	2.2381 mL

Please refer to the solubility information to select the appropriate solvent.

## BIOLOGICAL ACTIVITY

### Description

BAY-5000 (example 32) is a pyrimidinedione derivative. BAY-5000 can be used in the synthesis of cancer-related reagents<sup>[1]</sup>.

## REFERENCES

[1]. Bouche Lea Aurelie, et al. Pyrimidinedione derivatives: World Intellectual Property Organization, WO2021063821[P].2021-04-08.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA