# Data Sheet (Cat.No.T67966)



## Triflubazam

#### **Chemical Properties**

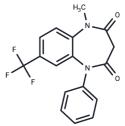
CAS No.: 22365-40-8

Formula: C17H13F3N2O2

Molecular Weight: 334.29

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## **Biological Description**

Description	Triflubazam has a wide range of biological activities that can affect sleep and can be used to treat anxiety syndromes and psychological disorders.
In vivo	Triflubazam (20 and 40 mg) shortened stage 3 about latency and reduced duration of awake (stage 0) activity and drowsy (stage 1) sleep.[1]  Triflubazam (20 mg) reduced the sleep percentage in stage 1 (P less than 0.05).[1]  Triflubazam (40 mg) was ingestion and has less wakefulness in the morning (P less than 0.05).[1]

## **Solubility Information**

Solubility DMSO: 60 mg/mL (179.48 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)

#### **Preparing Stock Solutions**

		1mg	5mg	10mg
Ka <sub>lo</sub>	1 mM	2.9914 mL	14.9571 mL	29.9141 mL
	5 mM	0.5983 mL	2.9914 mL	5.9828 mL
	10 mM	0.2991 mL	1.4957 mL	2.9914 mL
	50 mM	0.0598 mL	0.2991 mL	0.5983 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.

#### Reference

Nicholson AN, et al. Effect of the 1,5-benzodiazepines, clobazam and triflubazam, on sleep in man. Br J Clin Pharmacol. 1977; 4(5):567-572.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street, Wellesley Hills, MA 02481

Page 1 of 1 www.targetmol.com