

**Product Name:** ISOX INACT

**Catalog No.:** 5808

**Batch No.:** 1

**IUPAC Name:** 5-(Dimethyl-1,2-oxazol-4-yl)-2-[2-(4-methoxyphenyl)ethyl]-4,6-dimethyl-1-[2-(morpholin-4-yl)ethyl]-1H-1,3-benzodiazole

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>29</sub>H<sub>36</sub>N<sub>4</sub>O<sub>3</sub>·¼H<sub>2</sub>O

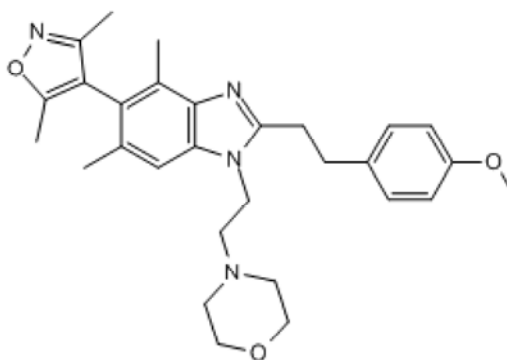
**Batch Molecular Weight:** 493.12

**Physical Appearance:** Off White solid

**Solubility:** DMSO to 50 mM  
ethanol to 20 mM

**Storage:** Store at +4°C

**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**TLC:** R<sub>f</sub> = 0.25 (Dichloromethane:Methanol [97:3])

**HPLC:** Shows 98.9% purity

**<sup>1</sup>H NMR:** Consistent with structure

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	70.63	7.46	11.36
Found	70.61	7.59	11.33

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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**Description:**

Negative control for PF CBP1. Exhibits negligible activity at CBP and BRD4. Active Analog also available.

**Physical and Chemical Properties:**

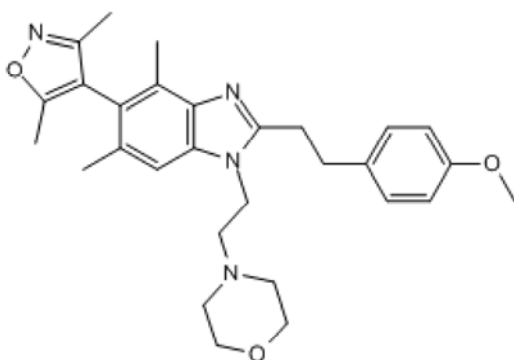
Batch Molecular Formula: C<sub>29</sub>H<sub>36</sub>N<sub>4</sub>O<sub>3</sub>·½H<sub>2</sub>O

Batch Molecular Weight: 493.12

Physical Appearance: Off White solid

**Minimum Purity:** >98%

**Batch Molecular Structure:**



**Storage:** Store at +4°C

**Solubility & Usage Info:**

DMSO to 50 mM

ethanol to 20 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**Other Information:**

**INFORMATION FOR CUSTOMERS IN THE UK ONLY**

This product is a Schedule 1 Home Office controlled substance and customers in the UK are required to hold the relevant licence or be exempt from restrictions in order to purchase and possess this material.

**Licensing Information:**

Sold for research purposes under agreement from Pfizer Inc.

**References:**

**Chekler et al** (2015) Transcriptional profiling of a selective CREB binding protein bromodomain inhibitor highlights therapeutic opportunities. *Chem.Biol.* **22** 1588. PMID: 26670081.

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