

**Product Name:** PF 04628935

**Catalog No.:** 6347

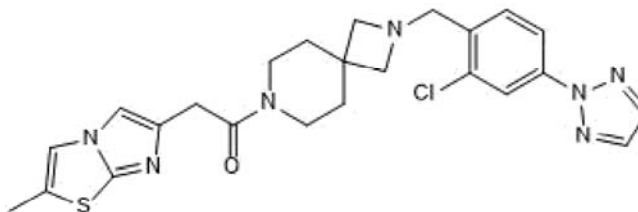
**Batch No.:** 1

CAS Number: 1383719-97-8

IUPAC Name: 1-[2-[[2-Chloro-4-(2*H*-1,2,3-triazol-2-yl)phenyl]methyl]-2,7-diazaspiro[3.5]non-7-yl]-2-(2-methylimidazo[2,1-*b*]thiazol-6-yl)ethanone

## 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>24</sub>H<sub>26</sub>ClN<sub>7</sub>OS  
**Batch Molecular Weight:** 496.03  
**Physical Appearance:** Beige solid  
**Solubility:** DMSO to 50 mM  
 ethanol to 20 mM  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



## 2. ANALYTICAL DATA

**HPLC:** Shows 99.1% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	58.11	5.28	19.77
Found	57.96	5.28	19.8

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

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**Description:**

Potent ghrelin receptor inverse agonist (IC<sub>50</sub> = 4.6 nM). Orally bioavailable and exhibits reasonable brain penetration.

**Physical and Chemical Properties:**

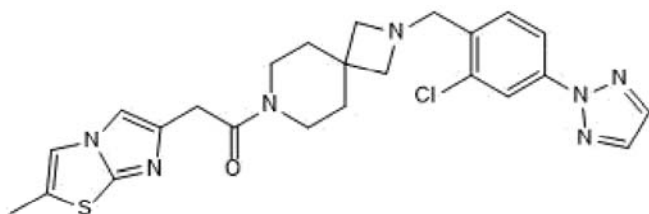
Batch Molecular Formula: C<sub>24</sub>H<sub>26</sub>ClN<sub>7</sub>OS

Batch Molecular Weight: 496.03

Physical Appearance: Beige solid

**Minimum Purity:** >98%

**Batch Molecular Structure:**



**Storage:** Store at -20°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.

**Licensing Information:**

Sold for research purposes under agreement from Pfizer Inc.

**References:**

**Kung et al** (2012) Identification of spirocyclic piperidine-azetidone inverse agonists of the ghrelin receptor. *Bioorg.Med.Chem.Lett.* **22** 5410. PMID: 22677316.

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