

**Product Name:** SNAP 398299

**Catalog No.:** 5426

**Batch No.:** 1

CAS Number: 903878-06-8

IUPAC Name: 1,3-Dihydro-1-[3-[2-(1-pyrrolidinyl)ethoxy]phenyl]-3-[[3-(trifluoromethyl)phenyl]imino]-2*H*-indol-2-one

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>27</sub>H<sub>24</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>·¼H<sub>2</sub>O

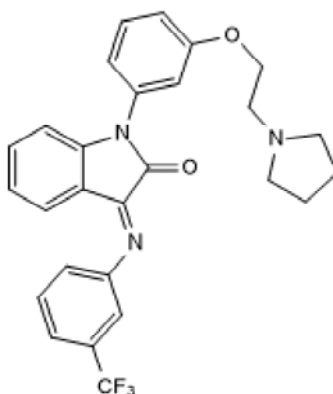
**Batch Molecular Weight:** 483.99

**Physical Appearance:** Red solid

**Solubility:** DMSO to 100 mM  
ethanol to 100 mM

**Storage:** Store at -20°C

**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**TLC:** R<sub>f</sub> = 0.3 (Dichloromethane:Methanol:Ammonia soln. [96:2:2])

**HPLC:** Shows 97.6% purity

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

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	67	5.1	8.68
Found	66.89	4.89	8.6

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

**bio-techne.com**

info@bio-techne.com

techsupport@bio-techne.com

**North America**

Tel: (800) 343 7475

**China**

info.cn@bio-techne.com

Tel: +86 (21) 52380373

**Europe Middle East Africa**

Tel: +44 (0)1235 529449

**Rest of World**

www.tocris.com/distributors

Tel:+1 612 379 2956

**Product Name:** SNAP 398299

**Catalog No.:** 5426

**Batch No.:** 1

CAS Number: 903878-06-8

IUPAC Name: 1,3-Dihydro-1-[3-[2-(1-pyrrolidinyl)ethoxy]phenyl]-3-[[3-(trifluoromethyl)phenyl]imino]-2H-indol-2-one

**Description:**

Potent and selective Gal<sub>3</sub> antagonist (K<sub>i</sub> = 5 nM). Exhibits greater than 100-fold selectivity for Gal<sub>3</sub> over Gal<sub>1</sub>, Gal<sub>2</sub>, adrenergic A<sub>1a</sub> and dopamine D<sub>5</sub> receptors. Anxiolytic- and antidepressant-like effects in vivo.

**Physical and Chemical Properties:**

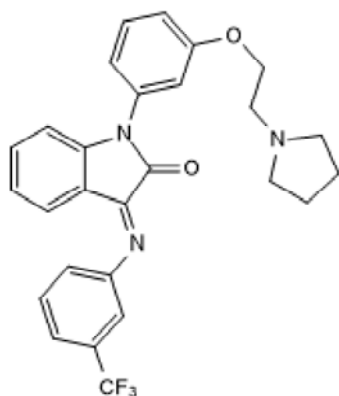
Batch Molecular Formula: C<sub>27</sub>H<sub>24</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>·¼H<sub>2</sub>O

Batch Molecular Weight: 483.99

Physical Appearance: Red solid

**Minimum Purity:** >97%

**Batch Molecular Structure:**



**Storage:** Store at -20°C

CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

**Solubility & Usage Info:**

DMSO to 100 mM

ethanol to 100 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.

**References:**

**Konkel et al** (2006) Amino substituted analogs of 1-phenyl-3-phenylimino-2-indolones with potent galanin Gal<sub>3</sub> receptor binding affinity and improved solubility. *Bioorg.Med.Chem.Lett.* **16** 3950. PMID: 16730981.

**Swanson et al** (2005) Anxiolytic- and antidepressant-like profiles of the galanin-3 (Gal3) antagonists SNAP 37889 and SNAP 398299. *Proc.Natl.Acad.Sci.U.S.A* **102** 17489. PMID: 16287967.

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

**bio-techne.com**

info@bio-techne.com

techsupport@bio-techne.com

**North America**

Tel: (800) 343 7475

**China**

info.cn@bio-techne.com

Tel: +86 (21) 52380373

**Europe Middle East Africa**

Tel: +44 (0)1235 529449

**Rest of World**

www.tocris.com/distributors

Tel:+1 612 379 2956