



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

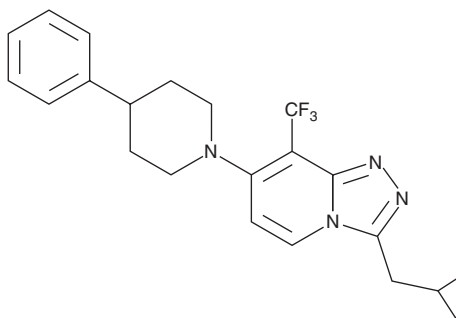
PRODUCT INFORMATION



JNJ-42153605

Item No. 21984

CAS Registry No.: 1254977-87-1
Formal Name: 3-(cyclopropylmethyl)-7-(4-phenyl-1-piperidinyl)-8-(trifluoromethyl)-1,2,4-triazolo[4,3-a]pyridine
MF: C₂₂H₂₃F₃N₄
FW: 400.4
Purity: ≥98%
UV/Vis.: λ_{max}: 260, 336 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

JNJ-42153605 is supplied as a crystalline solid. A stock solution may be made by dissolving the JNJ-42153605 in the solvent of choice. JNJ-42153605 is soluble in the organic solvent dimethyl formamide (DMF), which should be purged with an inert gas, at a concentration of approximately 30 mg/ml.

JNJ-42153605 is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, JNJ-42153605 should first be dissolved in DMF and then diluted with the aqueous buffer of choice. JNJ-42153605 has a solubility of approximately 0.25 mg/ml in a 1:3 solution of DMF:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

Description

JNJ-42153605 is a positive allosteric modulator of metabotropic glutamate receptor 2 (mGluR2; EC₅₀ = 17 nM in CHO cells expressing the human receptor).¹ *In vivo*, JNJ-42153605 (3 mg/kg) inhibits mGluR2-mediated rapid eye movement (REM) sleep in rats. It also reverses phencyclidine-induced hyperlocomotion in mice (ED₅₀ = 5.4 mg/kg).

Reference

1. Cid, J.M., Tresadern, G., Vega, J.A., *et al.* Discovery of 3-cyclopropylmethyl-7-(4-phenylpiperidin-1-yl)-8-trifluoromethyl[1,2,4]triazolo[4,3-a]pyridine (JNJ-42153605): A positive allosteric modulator of the metabotropic glutamate 2 receptor. *J. Med. Chem.* **55**(20), 8770-8789 (2012).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 06/18/2019

CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897
[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM