



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

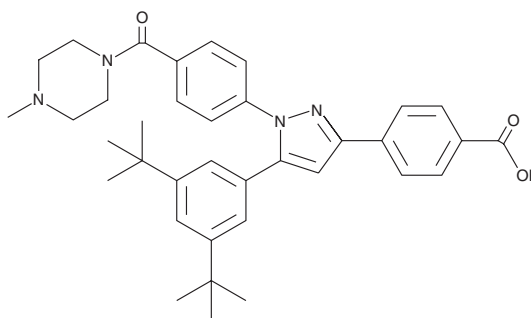
# PRODUCT INFORMATION



**LY2955303**

Item No. 25833

**CAS Registry No.:** 1433497-19-8  
**Formal Name:** 4-[5-[3,5-bis(1,1-dimethylethyl)phenyl]-1-[4-[(4-methyl-1-piperazinyl)carbonyl]phenyl]-1H-pyrazol-3-yl]-benzoic acid  
**MF:** C<sub>36</sub>H<sub>42</sub>N<sub>4</sub>O<sub>3</sub>  
**FW:** 578.7  
**Purity:** ≥95%  
**UV/Vis.:** λ<sub>max</sub>: 285 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

LY2955303 is supplied as a crystalline solid. A stock solution may be made by dissolving the LY2955303 in the solvent of choice. LY2955303 is soluble in the organic solvent chloroform, which should be purged with an inert gas, at a concentration of approximately 25 mg/ml.

## Description

LY2955303 is a potent antagonist of retinoic acid receptor  $\gamma$  (RAR $\gamma$ ; K<sub>i</sub> = 1.1 nM).<sup>1</sup> It is selective for RAR $\gamma$  over RAR $\alpha$  and RAR $\beta$  (K<sub>i</sub>s = >1,700 and >2,980 nM, respectively). LY2955303 reduces differential weight bearing between the contralateral and ipsilateral limbs in a rat model of monoiodoacetate-induced osteoarthritis (ED<sub>50</sub> = 0.72 mg/kg).

## Reference

1. Hughes, N.E., Bleisch, T.J., Jones, S.A., *et al.* Identification of potent and selective retinoic acid receptor gamma (RAR $\gamma$ ) antagonists for the treatment of osteoarthritis pain using structure based drug design. *Bioorg. Med. Chem.* **26(14)**, 3274-3277 (2016).

### 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, 04/11/2019

## 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