



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# PRODUCT INFORMATION



**CAY10771**

Item No. 31758

**CAS Registry No.:** 2522599-79-5  
**Formal Name:** 4-[[[2-chloro-4-[[3-(2,6-dichlorophenyl)-5-(1-methylethyl)-4-isoxazolyl]methoxy]phenyl]methyl]amino]-benzeneacetic acid

**MF:** C<sub>28</sub>H<sub>25</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>4</sub>

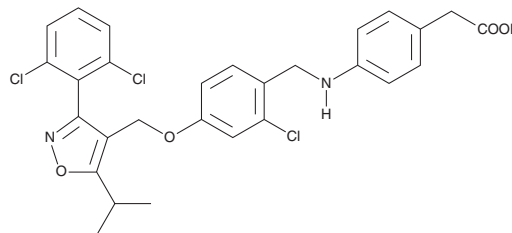
**FW:** 559.9

**Purity:** ≥98%

**Supplied as:** A solution in acetonitrile

**Storage:** -20°C

**Stability:** ≥1 year



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

## Description

CAY10771 is a dual agonist of farnesoid X receptor (FXR) and peroxisome proliferator-activated receptor  $\delta$  (PPAR $\delta$ ).<sup>1</sup> It activates FXR and PPAR $\delta$  in reporter assays using HEK293T cells (EC<sub>50</sub>s = 0.94 and 1.5  $\mu$ M, respectively) and is selective for these receptors over retinoic acid receptor  $\alpha$  (RAR $\alpha$ ), retinoid X receptor  $\alpha$  (RXR $\alpha$ ), PPAR $\alpha$ , PPAR $\gamma$ , and liver X receptor  $\alpha$  (LXR $\alpha$ ) at 10  $\mu$ M.

## Reference

1. Schierle, S., Neumann, S., Heitel, P., *et al.* Design and structural optimization of dual FXR/PPAR $\delta$  activators. *J. Med. Chem.* **63**(15), 8369-8379 (2020).

### 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.

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