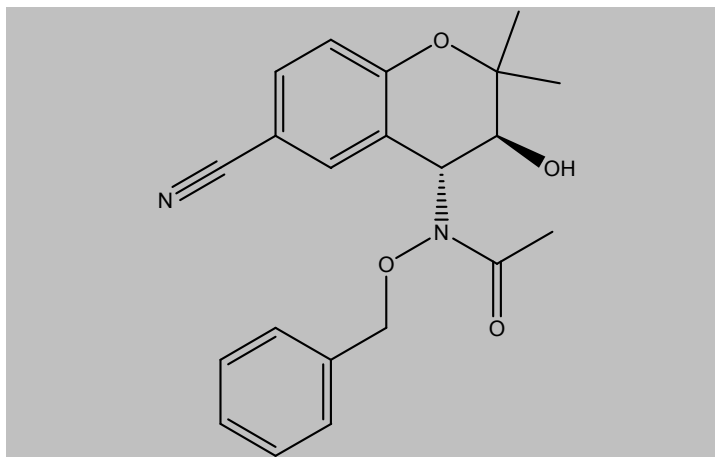


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 30/10/2014
COA Revision Date: 30/10/2017

Product: Y-27152
Cat. No.: BN0549
Batch No.: 0549BN/01
Chemical Name: *N*-[(3*S*,4*R*)-6-Cyano-3,4-dihydro-3-hydroxy-2,2-dimethyl-2*H*-1-benzopyran-4-yl]-*N*-(phenylmethoxy)acetamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₁H₂₂N₂O₄
Batch Molecular Weight: 366.41
CAS No.: [127408-30-4]
Physical Appearance: White solid
Melting Point:
Solubility: Soluble to 25 mM in DMSO or to 5 mM in ethanol
Storage: RT
Batch Molecular Structure:



Product Description: Prodrug of the K_{ATP} channel opener Y-26763 (Cat. No. BN0550). Inactive *in vitro*, it fails to modify tension in contracted aortic rings at concentrations up to 1 μM. Active *in vivo*, it produces long-lasting antihypertensive effects with minimal tachycardia.

References: 1. Nakajima et al. (1992) J Pharmacol Exp Ther 261:730; 2. Uematsu et al. (1996) J Clin Pharmacol 36:439; 3. Fukunari et al. (1997) Eur J Pharmacol 323:197

- CAUTION - Not fully tested. For Research use only. Not for human use. -



BIOTREND Chemicals AG
Unterdorfstr. 21
CH-8602 Wangen / Zurich
Switzerland
Tel + 41 44 805 76 76
Fax +41 44 805 76 77
Email: techserv@biotrend.ch
www.biotrend.ch

Certificate Of Analysis
Quality Control Testing and Research Application

COA Preparation Date: 30/10/2014
COA Revision Date: 30/10/2017

BN0549 Y-27152

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 98% (complies).

- CAUTION - Not fully tested. For Research use only. Not for human use. –