

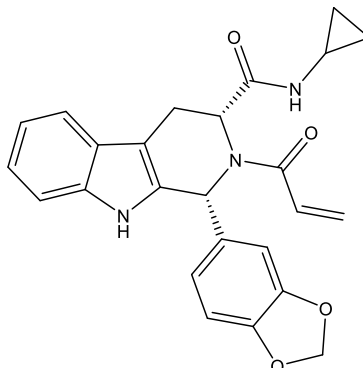
Catalog #10-3968

WX-02-37

CAS# 3020765-61-8

(1R,3R)-2-Acryloyl-1-(benzo[d][1,3]dioxol-5-yl)-N-cyclopropyl-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carboxamide

Lot # FBA10007



WX-02-37 is an allosteric, covalent SARM1 inhibitor ($IC_{50} = 1.5 \mu M$). It inhibited SARM1-dependent cADPR production in the human cell lines SH-SY5Y and 22Rv1. WX-02-37 protected mice from vacor- and vincristine-induced neurite degeneration.

- 1) Feldman *et al.* (2022), *Selective inhibitors of SARM1 targeting an allosteric cysteine in the autoregulatory ARM domain*; Proc. Natl. Acad. Sci. USA **119** e2208457119

PHYSICAL DATA

Molecular Weight:	429.48
Molecular Formula:	$C_{25}H_{23}N_3O_4$
Purity:	98% (HPLC)
	NMR: (Conforms)
Solubility:	DMSO (at least 60 mg/mL)
Physical Description:	Pale yellow solid
Storage and Stability:	Store as supplied at $-20^{\circ}C$ for up to 2 years from the date of purchase. Solutions in DMSO may be stored at $-20^{\circ}C$ for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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