

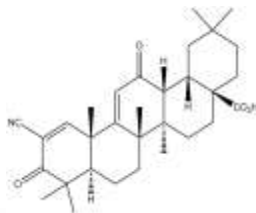
PRODUCT: Bardoxolone

ALTERNATE NAME: 2-cyano-3,12-dioxo-oleana-1,9(11)-dien-28-oic acid; RTA 402; CDDO

CATALOG #: B1170-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₁H₄₁NO₄

MOLECULAR WEIGHT: 491.66

CAS NUMBER: 218600-44-3

APPEARANCE: Light brown Solid

SOLUBILITY: DMSO (>4.5 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light.

DESCRIPTION: Bardoxolone is a synthetic oleanane triterpenoid that inhibits cellular iNOS production when stimulated by IFN γ , TNF- α and IL-1. It is Reata's investigational lead molecule for CKD (chronic kidney disease). It is a potent inducer of the transcription factor Nrf2 which is an important biological target that controls the production of many of the body's antioxidant and detoxification enzymes.

REFERENCES: Suh, N., *et al.* (1999). *Cancer Res.* **59**, 336-341.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

1400W hydrochloride (**Cat. No. 2055-5, 25**)

Diphenyleiodonium chloride (**2358-5**)

eNOS Antibody (**Cat. No. 3426R-100**)

L-NAME Hydrochloride (**Cat. No. 2356-100, 500**)

L-NMMA acetate (**Cat. No. 2358-5, 25, 100**)

Nitric Oxide Colorimetric Assay Kit (**Cat. No. K262-200**)

Nitric Oxide Fluorometric Assay Kit (**Cat. No. K252-20**)

7-Nitroindazole (**Cat. No. 2360-50, 250**)

Nitric Oxide Synthase (NOS) Activity Assay Kit (Colorimetric) (**K205-100**)

Nitric Oxide Synthase (NOS) Activity Assay Kit (Fluorometric) (**K206-100**)

ODQ (**Cat. No. 2501-10, 50**)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**