

## PRODUCT: PD-146176

10/18

### RELATED PRODUCTS:

NDGA (2581)

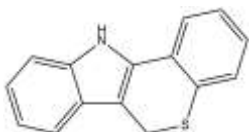
PD-146176 (B2313)

ALTERNATE NAME: 6,11-dihydro-[1]benzothiopyrano[4,3-b]indole; NSC-168807

CATALOG #: B2313-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C<sub>15</sub>H<sub>11</sub>NS

MOLECULAR WEIGHT: 237.32

CAS NUMBER: 4079-26-9

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>10 mg/ml)

PURITY: ≥98% HPLC

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

DESCRIPTION: PD-146176 is a specific, non-competitive 15-lipoxygenase (15-LOX) inhibitor (K<sub>i</sub> = 197nM). Displays only weak effect on 5-LOX, 12-LOX, COX-1 or COX-2 (IC<sub>50</sub> = 0.54 μM for 15-LOX in rabbit reticulocytes).

REFERENCE: Bocan, T.M., *et al.* (1998). *Atherosclerosis* **136**, 203-216.

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

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