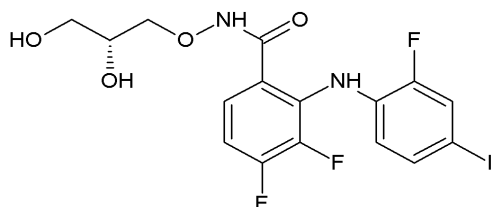


**PD-0325901**

CATALOG #: 1643-2, 5, 25 2 mg, 5 mg, 25 mg

## STRUCTURE:

MOLECULAR FORMULA: C<sub>16</sub>H<sub>14</sub>F<sub>3</sub>I<sub>2</sub>O<sub>4</sub>

MOLECULAR WEIGHT: 482.2

CAS NUMBER: 391210-10-9

APPEARANCE: Off-white solid

Solubility: DMSO or Ethanol (~20 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Keep cool and dry. Store at -20°C

**DESCRIPTION:** A selective and ATP non-competitive MEK inhibitor that suppresses the phosphorylation of ERK in murine colon 26 tumors (IC<sub>50</sub> = 0.33 nM). In combination with the GSK-3 inhibitor CHIR99021, prevents cell differentiation and sustains self-renewal of embryonic stem (ES) cells.

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

**FOR RESEARCH USE ONLY! Not to be used on humans.****RELATED PRODUCTS**

- PD184352 (Cat. No. 1585-1, 5, 25)
- EZSolution™ PD184352 (Cat. No. 1871-1)
- PD 98059 (Cat. No. 1666-5)
- EZSolution™ PD 98059 (Cat. No. 1783-5)
- SB 203580 (Cat. No. 1712-1,5)
- EZSolution™ SB-203580 (Cat. No. 1786-1)
- U0126 (Cat. No. 1668-5)
- Sorafenib (Cat. No. 1594-25, 100)
- VX-702 (Cat. No. 1598-1,5)