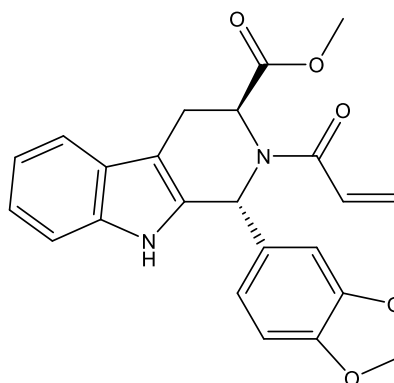




Catalog # 10-3949

EV-96

Methyl (1R,3S)-2-acryloyl)-1-(benzo[d][1,3]dioxol-5-yl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carboxylate
Lot # FBA9142



EV-96 is a cysteine-reactive immunosuppressive agent that suppresses T cell activation ($EC_{50} < 2.5 \mu\text{M}$) via inhibition of NF- κB activation and degradation of key immune-relevant proteins including ITK, TEC, and CYTIP.¹ EV-96 suppresses T cell activation by inhibiting the splicing factor SF3B1.²

- 1) Vinogradova *et al.* (2020), *An Activity-Guided Map of Electrophile-Cysteine Interactions in Primary Human T Cells*; Cell **182** P1009
- 2) Scott *et al.* (2025), *Covalent targeting of splicing in T cells*; Cell Chem. Biol. **32** 201

PHYSICAL DATA

Molecular Weight: 404.42
Molecular Formula: $\text{C}_{23}\text{H}_{20}\text{N}_2\text{O}_5$
Purity: >98% by HPLC
NMR: (Conforms)
Solubility: DMSO (at least 40 mg/ml)
Physical Description: White to off-white solid
Storage and Stability: Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°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.

Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462
www.focusbiomolecules.com