

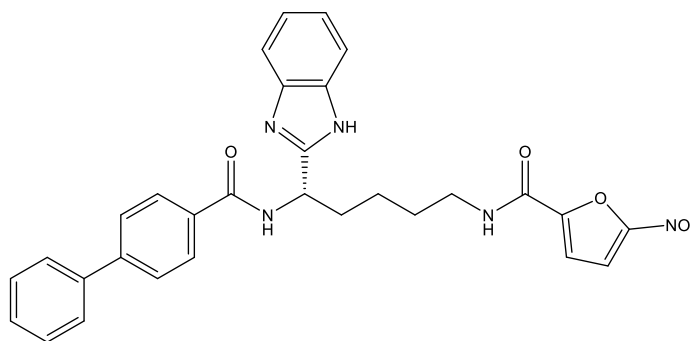


### Catalog #10-4133

### LB244

(S)-N-(5-([1,1'-Biphenyl]-4-carboxamido)-5-(1H-benzo[d]imidazol-2-yl)pentyl)-5-nitrofuran-2-carboxamide

Lot # FBA9272



LB244 is a potent ( $EC_{50} = 800$  nM THP1 cells) and irreversible STING antagonist with markedly enhanced proteome-wide selectivity compared to parent compound BB-CI-amidine. Potently inhibits STING signaling *in vitro* in both mouse and human cells and *in vivo* when formulated in 20% DMSO.

1) Barasa *et al.* (2023), *Development of LB244, an irreversible STING Antagonist*, J. Am. Chem. Soc. **145** 20273

### PHYSICAL DATA

Molecular Weight: 537.58  
Molecular Formula:  $C_{30}H_{27}N_5O_5$   
Purity: >98% (HPLC)  
NMR: (Conforms)  
Solubility: DMSO (5 mg/mL)  
Physical Description: Off-white 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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