

**Product Name** : Epacadostat

**Synonyms** : INCB024360

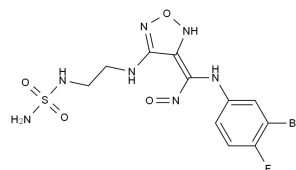
**Cat No.** : M10747

**CAS Number** : 1204669-58-8

**Molecular Formula** : C<sub>11</sub>H<sub>13</sub>BrFN<sub>7</sub>O<sub>4</sub>S

**Formula Weight** : 436.99

**Chemical Name** : —



**Description** : Epacadostat, also known as INCB024360 or INCB24360, is an orally available hydroxyamidine and inhibitor of indoleamine 2,3-dioxygenase (IDO1), with potential immunomodulating and antineoplastic activities. INCB024360 targets and binds to IDO1, an enzyme responsible for the oxidation of tryptophan into kynurenine. By inhibiting IDO1 and decreasing kynurenine in tumor cells, INCB024360 increases and restores the proliferation and activation of various immune cells, including dendritic cells (DCs), NK cells, and T-lymphocytes, as well as interferon (IFN) production, and a reduction in tumor-associated regulatory T cells (Tregs).

**Pathway** : Metabolic Enzyme/Protease

**Target** : IDO

**Receptor** : IDO1

**Solubility** : Soluble in DMSO

**SMILES** : C1=CC(=C(C=C1N/C(=C\2/C(=NON2)NCCNS(=O)(=O)N)/N=O)Br)F

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Vacchelli E, et al. Oncoimmunology. 2014 Dec 15;3(10):e957994.