

Catalog	Unit
TBI4841-5MG	5 mg
TBI4841-25MG	25 mg

### Product Details

**Formal Name:** Methyl 3-Chloro-5-[(2,4-difluoro-5-phenylphenyl)sulfamoyl]-4-hydroxybenzoate

**Molecular Formula:** C<sub>20</sub>H<sub>14</sub>ClF<sub>2</sub>NO<sub>5</sub>S

**Formula Weight:** 453.84

**CAS Number:** 2375840-87-0

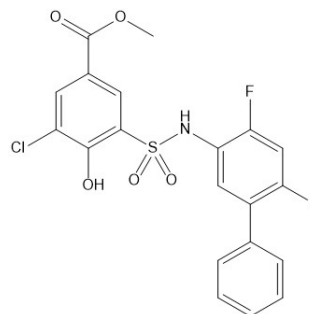
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 50 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Potent allosteric ATP-citrate lyase inhibitor

### Functions

Potent (IC<sub>50</sub> = 2.1 nM ADP-Glo assay; 4.8 nM Oxaloacetate coupled enzyme assay) allosteric inhibitor of ATP-citrate lyase. NDI-091143 suppressed growth and clonogenic ability in thyroid cancer cell lines FTC-133 and 8505C. It also synergistically potentiated the cytotoxicity of sorafenib.

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**