

**Product Name** : 3-Cyanochromone

**Synonyms** : —

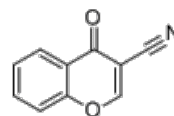
**Cat No.** : M14733

**CAS Number** : 50743-17-4

**Molecular Formula** : C<sub>10</sub>H<sub>5</sub>NO<sub>2</sub>

**Formula Weight** : 171.15

**Chemical Name** : 4-Oxo-4H-1-benzopyran-3-carbonitrile



**Description** : 3-Cyanochromone is a potent gram-negative bacteria WcbL protein inhibitor with IC<sub>50</sub> of 28 μM in a competitive enzyme-inhibition model, shows inhibition constants K<sub>i</sub> of 10 μM.

**Pathway** : GPCR/G Protein

**Target** : Antibacterial

**Receptor** : Antibacterial

**Solubility** : —

**SMILES** : C1=CC=C2C(=C1)C(=O)C(=CO2)C#N

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Vivoli M, et al. Chem Biol. 2015 Dec 17;22(12):1622-32.