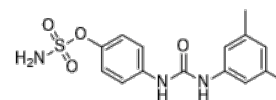


**Product Name** : CAIX inhibitor S4  
**Cat. No.** : PC-26516  
**CAS No.** : 1330061-67-0  
**Molecular Formula** : C<sub>15</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>S  
**Molecular Weight** : 335.38  
**Target** : Carbonic Anhydrase  
**Solubility** : 10 mM in DMSO



### Biological Activity

CAIX inhibitor S4 is a potent, specific CA IX/XII inhibitor with K<sub>i</sub> of 7 nM and 2 nM for human CA IX (CA9) and CA XII (CA12) respectively, much weakly inhibits CA II and CA I, inhibits lung metastasis in orthotopic MDA-MB-231 mouse model.

### References

Gieling RG, et, al. J Med Chem. 2012 Jun 14;55(11):5591-600.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com