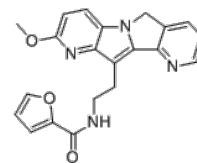


**Product Name** : S29434  
**Cat. No.** : PC-35919  
**CAS No.** : 874484-20-5  
**Molecular Formula** : C<sub>21</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** : 374.4  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

S29434 (S 29434) is a highly potent, selective, cell-active inhibitor of **Quinone reductase 2 (QR2)** with IC<sub>50</sub> of 5-16 nM, shows good selectivity for QR2 over QR1.

S29434 inhibits QR2-mediated ROS production within the 100 nM range in various cell types, including hepatoma HepG2 cells, the astroglial cell line U373 and primary dopaminergic neurons.

S29434 (S 29434) is fairly stable in vivo.

## References

Boutin JA, et al. *Mol Pharmacol*. 2018 Dec 19. pii: mol.118.114231. doi: 10.1124/mol.118.114231.

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

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