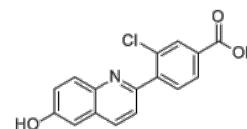


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<b>Product Name</b>	: Cavosonstat
<b>Cat. No.</b>	: PC-60035
<b>CAS No.</b>	: 1371587-51-7
<b>Molecular Formula</b>	: C <sub>16</sub> H <sub>10</sub> ClNO <sub>3</sub>
<b>Molecular Weight</b>	: 299.71
<b>Target</b>	: S-nitrosogluthathione reductase (GSNOR)
<b>Solubility</b>	: 10 mM in DMSO



## Biological Activity

Cavosonstat (N91115, N-91115) is a potent, orally bioavailable inhibitor of **S-nitrosogluthathione reductase (GSNOR)** and **CFTR** modulator.

Cavosonstat promotes CFTR maturation and plasma membrane stability, with a mechanism of action complementary to CFTR correctors and potentiators.

Cavosonstat significantly increases cell surface expression of F508del-CFTR in vitro combined with CFTR correctors.

## References

Donaldson SH, et al. *J Cyst Fibros.* 2017 May;16(3):371-379.

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

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