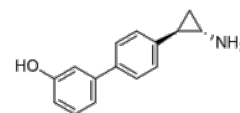


Product Name : OG-L002
Cat. No. : PC-61746
CAS No. : 1357302-64-7
Molecular Formula : C₁₅H₁₅NO
Molecular Weight : 225.3
Target : Histone Demethylase
Solubility : 10 mM in DMSO



Biological Activity

OG-L002 is a potent, selective **LSD1** inhibitor with IC₅₀ of 20 nM.

OG-L002 demonstrates significant potency both in inhibition of HSV IE gene expression and in suppression of viral reactivation from latency in a mouse ganglion explant model.

OG-L002 also suppresses the expression of the initial class of hCMV and adenovirus genes in vitro.

OG-L002 reduces the induction of TNF- α mRNA in splenocytes from mice.

References

Seifermann M, et al. *DNA Repair (Amst)*. 2017 Oct;58:13-20.

Liang Y, et al. *MBio*. 2013 Feb 5;4(1):e00558-12.

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

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