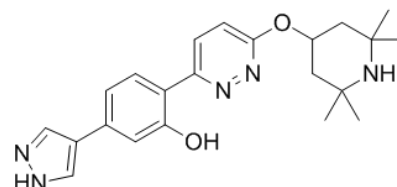


**Product Name** : LMI-070  
**Cat. No.** : PC-45659  
**CAS No.** : 1562338-42-4  
**Molecular Formula** : C<sub>22</sub>H<sub>27</sub>N<sub>5</sub>O<sub>2</sub>  
**Molecular Weight** : 393.4821  
**Target** : SMN2 Modulator  
**Solubility** : DMSO: 6.12 mg/mL



## Biological Activity

LMI070 (NVS-SM1, Branaplam) is a potent **SMN2 splice modulator** (EC<sub>50</sub>=20 nM) that potential treatment of spinal muscular atrophy (SMA).

## References

Calder AN, et al. *J Med Chem.* 2016 Nov 23;59(22):10067-10083.

Palacino J, et al. *Nat Chem Biol.* 2015 Jul;11(7):511-7.

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

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