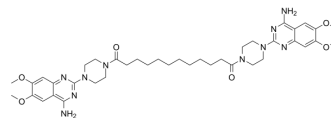


## EphA2 agonist 2

Cat. No.:	HY-146141
CAS No.:	2169273-66-7
Molecular Formula:	C <sub>40</sub> H <sub>56</sub> N <sub>10</sub> O <sub>6</sub>
Molecular Weight:	772.94
Target:	Ephrin Receptor
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	EphA2 agonist 2 (Lead compound) is a selective EphA2 agonist with antitumor activities. EphA2 agonist 2 can cross the BBB [1].
In Vitro	EphA2 agonist 2 (Lead compound) shows antiproliferation activity with IC <sub>50</sub> values of 2.1 ± 1.05 μM and 5.2 ± 2.56 μM against U251 EphA2 overexpressed and U251 wild type cells, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Orahoske CM, et al. Dimeric small molecule agonists of EphA2 receptor inhibit glioblastoma cell growth. *Bioorg Med Chem.* 2020 Sep 15;28(18):115656.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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