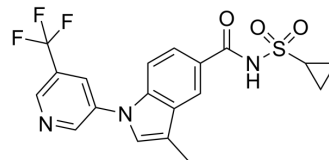


## DS43260857

Cat. No.:	HY-149994
CAS No.:	1612158-07-2
Molecular Formula:	C <sub>19</sub> H <sub>16</sub> F <sub>3</sub> N <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	423.41
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	DS43260857 is a potent NaV1.7 inhibitor, which has a high inhibitory effect on both human and mouse NaV1.7. The IC <sub>50</sub> values of DS43260857 for hNaV1.1, hNaV1.5, hNaV1.7, mNaV1.7 are 6.6, 14, 0.015 and 0.061 μM, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 6.6 μM (hNaV1.1), 14 μM (hNaV1.5), 0.015 μM (mNaV1.7), 0.061 μM (mNaV1.7) <sup>[1]</sup>

## REFERENCES

[1]. Narayan Karanjule, et al. N-Aryl Indoles as a Novel Class of Potent NaV1.7 Inhibitors. ACS Med Chem Lett. 2023 May 24;14(6):788-793.

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

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