DSP-1053

Cat. No.: HY-111419
CAS No.: 1176326-76-3
Molecular Formula: C_{26}H_{32}BrNO_{4}
Molecular Weight: 502.44
Target: Serotonin Transporter
Pathway: Neuronal Signaling
Storage: Please store the product under the recommended conditions in the COA.

**BIOLOGICAL ACTIVITY**

| Description | DSP-1053 is a potent *Serotonin Transporter* (SERT) (K_{i}=1.02 \text{ nM}) inhibitor with partial *5-HT1A receptor* (K_{i}=5.05 \text{ nM}) agonistic activity. |

| IC_{50} & Target | K_{i}: 1.02 \text{ nM (SERT)}, 1.02 \text{ nM (5-HT1A)}^{[1]} |

**REFERENCES**


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

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