

Product Name	: Centanafadine hydrochloride
Synonyms	: EB-1020 hydrochloride
Cat No.	: M24973
CAS Number	: 923981-14-0
Molecular Formula	: C ₁₅ H ₁₆ ClN
Formula Weight	: 245.8
Chemical Name	: —
Description	: Centanafadine hydrochloride is a dual inhibitor of norepinephrine (NE)/dopamine (DA) transporter, also inhibits serotonin transporter (IC ₅₀ s: 6 nM, 38 nM, and 83 nM for human NE, DA, and serotonin transporter).
Pathway	: GPCR/G Protein
Target	: Dopamine Receptor
Receptor	: dopamine; Norepinephrine (NE); serotonin
Solubility	: DMSO: 125 mg/mL (508.65 mM; Need ultrasonic)
SMILES	: <chem>[H][C@@]12CNC[C@]1(C3=CC=C4C=CC=CC4=C3)C2.[H]Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Bymaster FP, et al. Pharmacological characterization of the norepinephrine and dopamine reuptake inhibitor EB-1020: implications for treatment of attention-deficit hyperactivity disorder. Synapse. 2012 Jun;66(6):522-32.