

Product Name	: BD 1008 dihydrobromide
Synonyms	: —
Cat No.	: M27463
CAS Number	: 138356-09-9
Molecular Formula	: C ₁₅ H ₂₄ Br ₂ Cl ₂ N ₂
Formula Weight	: 463.1
Chemical Name	: —
Description	BD1008 dihydrobromide is a selective antagonist of the sigma 1 (σ_1) receptor (K_i = 2 nM). BD1008 dihydrobromide have high affinity for sigma1 receptors, moderate affinity for sigma2 receptors. BD1008 dihydrobromide attenuate the toxicity and stimulant effects of cocaine through antagonism of sigma receptors.
Pathway	: Autophagy
Target	: Sigma receptor
Receptor	: —
Solubility	: —
SMILES	: Br.Br.CN(CCN1CCCC1)CCc1ccc(Cl)c(Cl)c1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Barakat MT, et al. Simethicone is retained in endoscopes despite reprocessing: impact of its use on working channel fluid retention and adenosine triphosphate bioluminescence values (with video). Gastrointest Endosc. 2018 Aug 17.