

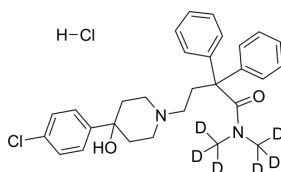
## Loperamide-d6 (hydrochloride)

Cat. No.:	HY-B0418AS
CAS No.:	1189469-46-2
Batch No.:	232871
Chemical Name:	4-[4-(4-Chlorophenyl)-4-hydroxypiperidin-1-yl]-2,2-diphenyl-N,N-bis(trideuteriomethyl)butanamide hydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{29}H_{28}D_6Cl_2N_2O_2$
Molecular Weight:	519.54
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.07%
Isotopic Enrichment:	99.80%
Conclusion:	The product has been tested and complies with the given specifications.

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

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