

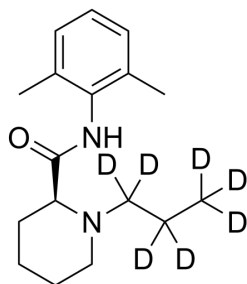
## Ropivacaine-d<sub>7</sub>

Cat. No.:	HY-B0563S1
CAS No.:	684647-62-9
Batch No.:	308000
Chemical Name:	2-Piperidinecarboxamide, N-(2,6-dimethylphenyl)-1-(propyl-d <sub>7</sub> )-, (2S)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>17</sub> H <sub>19</sub> D <sub>7</sub> N <sub>2</sub> O
Molecular Weight:	281.44
Storage:	Powder      -20°C    3 years 4°C        2 years In solvent    -80°C    6 months -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	99.38%
Isotopic Enrichment:	98.58%
Additional Information:	d <sub>7</sub> =90.5%, d <sub>6</sub> =9.1%, d <sub>5</sub> =0.4%
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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