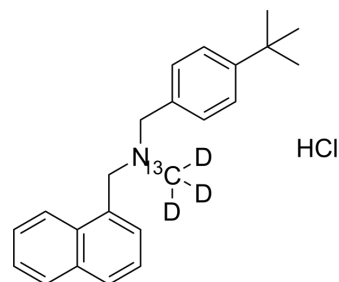


## Butenafine-<sup>13</sup>C,<sub>3</sub>D hydrochloride

<b>Cat. No.:</b>	HY-17396S
<b>Molecular Formula:</b>	C <sub>22</sub> <sup>13</sup> CH <sub>25</sub> D <sub>3</sub> ClN
<b>Molecular Weight:</b>	357.94
<b>Target:</b>	Fungal; Antibiotic; Isotope-Labeled Compounds
<b>Pathway:</b>	Anti-infection; Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Butenafine- <sup>13</sup> C, <sub>3</sub> D (hydrochloride) is the <sup>13</sup> C- and deuterium labeled. Butenafine Hydrochloride (KP363 Hydrochloride) is a synthetic benzylamine antifungal, works by inhibiting the synthesis of sterols by inhibiting squalene epoxidase.
<b>In Vitro</b>	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs <sup>[42]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

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- [2]. Butenafine
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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