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**Product Data Sheet**


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Product Name: (S)-Praziquantel D11

Cat. No.: GC60420

**Chemical Properties**

Cas. No.

SMILES O=C1CN(C(C2([2H])C([2H])([2H])C([2H])([2H])C([2H])([2H])C([2H])([2H])C2([2H])[2H])=O)C[C@@]3([H])N1CCC4=C3C=CC=C4

Formula  $C_{19}H_{13}D_{11}N_2O_2$ 

M.Wt

323.47

Solubility

Storage

Store at -20°C

General tips

For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

(S)-Praziquantel D11 is the deuterium labeled (S)-Praziquantel. (S)-Praziquantel, a toxic enantiomer of Praziquantel, is ineffective against worms[1].

[1]. Qian Sun, et al. The cytotoxicity study of praziquantel enantiomers. Drug Des Devel Ther. 2016 Jun 24;10:2061-8.

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

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