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**Product Data Sheet**

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Product Name: Fosravuconazole (BMS-379224)

Cat. No.: GC33996

**Chemical Properties**

Cas. No. 351227-64-0

SMILES N#CC1=CC=C(C2=CSC([C@H](C)[C@@](OCOP(O)(O)=O)(C3=CC=C(F)C=C3F)CN4N=CN=C4)=N2)C=C1Formula C<sub>23</sub>H<sub>20</sub>F<sub>2</sub>N<sub>5</sub>O<sub>5</sub>PS

M.Wt 547.47

Solubility DMSO : 100 mg/mL (182.66 mM; Need ultrasonic) 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**

Fosravuconazole is a prodrug of ravuconazole, with antifungal activity.

Fosravuconazole (BMS-379224) is a prodrug of ravuconazole, with antifungal activity[1].

Fosravuconazole (BMS-379224) is rapidly converted to ravuconazole upon iv administration to rats. Fosravuconazole shows comparable efficacy at inhibiting C. albicans infection model in mice as orally administered ravuconazole[1].

[1]. Ueda Y, et al. Phosphonooxymethyl prodrugs of the broad spectrum antifungal azole, ravuconazole: synthesis and biological properties. Bioorg Med Chem Lett. 2003 Nov 3;13(21):3669-72.

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

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