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**Product Data Sheet**

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Product Name: Enzalutamide-d6

Cat. No.: GC69072

**Chemical Properties**

Cas. No. 1443331-94-9

Formula  $C_{21}H_{10}D_6F_4N_4O_2S$  M.Wt 470.47

Solubility Storage 4°C, away from moisture and light

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**

Enzalutamide-d<sub>6</sub> is a deuterium labeled Enzalutamide (MDV3100). Enzalutamide is an androgen receptor (AR) antagonist with an IC<sub>50</sub> of 36 nM in LNCaP prostate cells[1].

[1]. Tran C, et al. Development of a second-generation antiandrogen for treatment of advanced prostate cancer. Science. 2009 May 8;324(5928):787-90.

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

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