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**Product Data Sheet**

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Product Name: USP5-IN-1

Cat. No.: GC66438

**Chemical Properties**

Cas. No.

Formula C<sub>19</sub>H<sub>20</sub>ClN<sub>3</sub>O<sub>5</sub>S

M.Wt

437.9

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**

USP5-IN-1 (compound 64), a potent deubiquitinase **USP5** inhibitor, binds to the USP5 ZnF-UBD with a **K<sub>D</sub>** of 2.8 μM. USP5-IN-1 is selective over nine proteins containing structurally similar ZnF-UBD domains. USP5-IN-1 inhibits the USP5 catalytic cleavage of a di-ubiquitin substrate<sup>[1]</sup>.

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

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