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**Product Data Sheet**

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Product Name: Fosdenopterin

Cat. No.: GC64807

**Chemical Properties**

Cas. No. 150829-29-1

Formula C<sub>10</sub>H<sub>14</sub>N<sub>5</sub>O<sub>8</sub>P

M.Wt

363.22

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**

Fosdenopterin (Precursor Z) is a synthetic cyclic pyranopterin monophosphate (cPMP). Fosdenopterin can be used for the research of molybdenum cofactor deficiency (MoCD) type A[1].

Fosdenopterin can be used as a replacement substrate that provides an exogenous source of cPMP in models deficient in cPMP[1].

[1]. Kang C. Fosdenopterin: First Approval. *Drugs*. 2021;81(8):953-956.

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

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