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**Product Data Sheet**

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Product Name:  $\beta$ -Apo-13-carotenone D3 (D'Orenone D3)

Cat. No.: GC33505

**Chemical Properties**

Cas. No. 86530-28-1

SMILES O=C(/C=C/C=C(C)/C=C/C1=C(C)CCCC1(C)C([2H])([2H])[2H]Formula  $C_{18}H_{23}D_3O$  M.Wt 261.42

Solubility DMSO : 33.33 mg/mL (127.50 mM); Water : &lt; 0.1 mg/mL (insoluble) 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**

$\beta$ -Apo-13-carotenone D3 is the deuterium labeled  $\beta$ -Apo-13-carotenone.  $\beta$ -Apo-13-carotenone (D'Orenone) is a naturally occurring  $\beta$ -apocarotenoid functioned as an antagonist of RXR $\alpha$ .

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

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