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**Product Data Sheet**


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Product Name: Mca-PL  
 Cat. No.: GC18590

**Chemical Properties**

Cas. No. 140430-55-3

Chemical Name N-[1-[(7-methoxy-2-oxo-2H-1-benzopyran-4-yl)acetyl]-L-prolyl]-L-leucine

SMILES COC1=CC=C(C(CC(N2[C@H](C(N[C@@H](CC(C)C)C(O)=O)=O)CCC2)=O)=CC(O3)=O)C3=C1

Formula C<sub>23</sub>H<sub>28</sub>N<sub>2</sub>O<sub>7</sub> M.Wt 444.5

Solubility Soluble in DMSO 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**

Mca-PL is a fluorogenic peptide that has been used as a building block in the synthesis of Mca-PLGL-Dpa-AR-NH<sub>2</sub> , a fluorogenic substrate for matrix metalloproteinase-2 (MMP-2) and MMP-7.

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

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