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## Product Data Sheet

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Product Name: DTPA-DAB2  
 Cat. No.: GC34433

**Chemical Properties**

Cas. No. 2437438-20-3

SMILES NC1=CC(C2=CC=C(N)C(NC(CN(CC(O)=O)CCN(CC(O)=O)CCN(CC(NC3=CC(C4=CC=C(N)C(N)=C4)=CC=C3N)=O)CC(O)=O)=O)=C2)

Formula C<sub>38</sub>H<sub>47</sub>N<sub>11</sub>O<sub>8</sub>

M.Wt

785.85

Solubility Soluble in DMSO

Storage

Store at -20°C

General 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 tips below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.  
 Condition

Structure

**Background**

DAB2-DTPA is a conjugate of DTPA with two DAB used in the photooxidation experiments.

The DTPA-DAB2 is synthesized by the reaction of DTPA anhydride with a five-fold excess of DAB to hinder the formation of polymers. Following removal of most of the unreacted DAB by extraction, the product DTPA-DAB2 is precipitated[1].

[1]. Adams SR, et al. Multicolor Electron Microscopy for Simultaneous Visualization of Multiple Molecular Species. Cell Chem Biol. 2016 Nov 17;23(11):1417-1427.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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