

Product Data Sheet

Product Name: BR103
Cat. No.: GC70445

Chemical Properties

Cas. No. 1434873-26-3

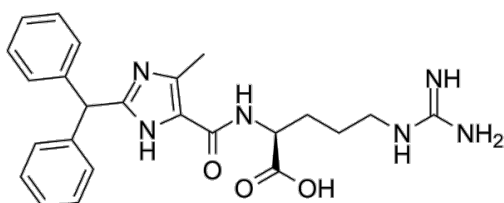
Formula $C_{24}H_{28}N_6O_3$ M.Wt 448.52

Solubility DMSO : 100 mg/mL (222.96 mM);
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

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

BR103 is a C3aR-specific small molecule ligand. BR103 can be used to measure ligand affinity for a G protein-coupled receptor for saturation and competitive binding.

References:

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

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[1]. Dantas de Araujo A, et al. Europium-Labeled Synthetic C3a Protein as a Novel Fluorescent Probe for Human Complement C3a Receptor. Bioconjug Chem. 2017 Jun 21;28(6):1669-1676.

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