

Product Data Sheet

Product Name: BG-JF585

Cat. No.: GC80355

Chemical Properties

Cas. No. 2461569-42-4

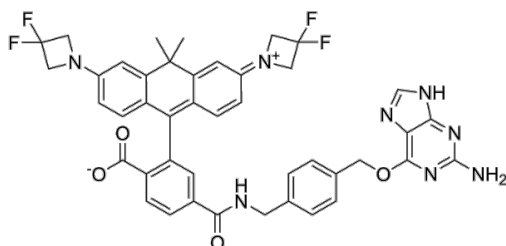
Formula $C_{43}H_{36}F_4N_8O_4$ M.Wt 804.79

Solubility DMSO: 92 mg/mL (114.32 mM; Need ultrasonic) Storage Store at 4°C, away from moisture and light

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

BG-JF585 is Benzylguanine-conjugated JF585. Benzylguanine is the substrate for SNAP tags. JF585 is a fluorophore (λ_{abs} : 593 nm; λ_{em} : 611 nm).

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

Product Data Sheet

References:

- [1]. Hoehnel S, et al. Capturing Cell-Cell Interactions via SNAP-tag and CLIP-tag Technology. Bioconjug Chem. 2015 Aug 19;26(8):1678-86.
- [2]. Abdelfattah AS, et al. Bright and photostable chemigenetic indicators for extended in vivo voltage imaging. Science. 2019 Aug 16;365(6454):699-704.

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