

Product Data Sheet

Product Name: PAD4-IN-2 TFA

Cat. No.: GC73542

Chemical Properties

Cas. No.

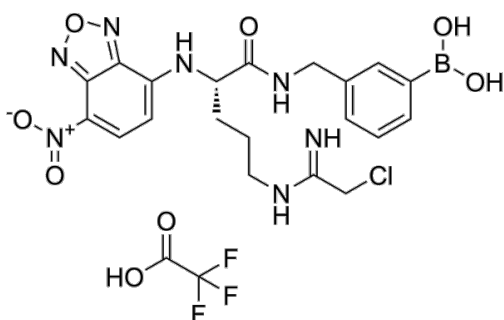
Formula $C_{22}H_{24}BClF_3N_7O_8$ M.Wt 617.73

Solubility DMSO : 100 mg/mL (161.88 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture

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

PAD4-IN-2 (compound 5i) TFA is a PAD4 inhibitor (IC₅₀=1.94 μM). PAD4-IN-2 TFA inhibits tumor growth in mice by specifically inhibiting the PAD4-H3cit-NETs pathway in neutrophils.

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]. Zhu D, et al. Highly-tumor-targeted PAD4 inhibitors with PBA modification inhibit tumors in vivo by specifically inhibiting the PAD4-H3cit-NETs pathway in neutrophils. Eur J Med Chem. 2023 Oct 5;258:115619.

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