

Product Data Sheet

Product Name: Asundexian

Cat. No.: GC65912

Chemical Properties

Cas. No. 2064121-65-7

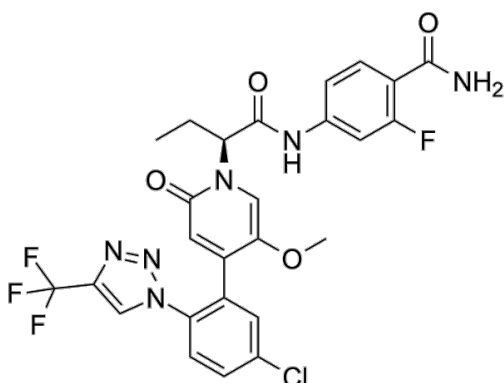
Formula $C_{26}H_{21}ClF_4N_6O_4$ M.Wt 592.93

Solubility DMSO : ≥ 250 mg/mL (421.63 mM) 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

Asundexian (BAY 2433334) is an orally active **coagulation factor X_{IIa} (FX_{IIa})** inhibitor. Asundexian binds directly, potently, and reversibly to the active site of FX_{IIa} and thereby inhibits its activity.

Asundexian inhibits human FX_{IIa} in buffer with an **IC₅₀** of 1 nM^[1].

Asundexian displays potent anticoagulant activity in vitro in human and rabbit plasma and antithrombotic efficacy in vivo in a rabbit arterial thrombosis model^[1].

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