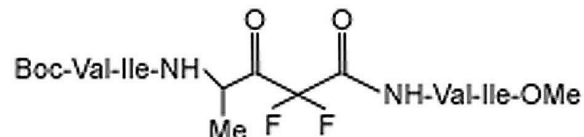


PRODUCT DATA SHEET

Product: Gamma-Secretase Inhibitor

Cat. No.: AB-054 (3 mg)

Structure:



Formula:

$C_{33}H_{57}N_5O_9F_2$

Chemical Name:

Difluoro Ketone Inhibitor

Molecular Weight:

706

Format:

White powder

Purity:

>95% by HPLC

Activity:

IC_{50} : 13 +/- 5 μ m

Solubility:

DMSO

Protocol:

Dissolve the Gamma-Secretase Inhibitor in high purity DMSO (>99.9%) at 20 mM before use.

Method:

1. Stock concentration of 20 mM in DMSO of the product was added to the medium, to reach the final concentration of 1% DMSO.
2. Positive control contained 1% DMSO alone.
3. After 4 hours, the medium was removed and centrifuged at 3,000 g for 5 minutes and supernate was stored at $-80^{\circ}C$ until needed.

Storage:

Store in a desiccator at RT. For long term, storage at $4^{\circ}C$ in a desiccator is recommended. The stock solution in DMSO is stable at $-20^{\circ}C$ for 6 months. After adding buffer, use within 24 hours.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.