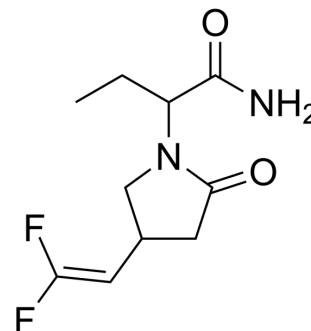


## Anticonvulsant agent 1

Cat. No.:	HY-U00348
CAS No.:	357336-17-5
Molecular Formula:	C <sub>10</sub> H <sub>14</sub> F <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	232.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Anticonvulsant agent 1 is an anticonvulsant agent extracted from patent WO2001062726A2, Compound 156.
In Vitro	<p>The inhibition constant (<math>K_i</math>) of Anticonvulsant agent 1 (Compound 156) is determined in competitive binding experiments by measuring the binding of a single concentration of a radioactive ligand at equilibrium with various concentrations of the unlabeled test substance. The concentration of the test substance inhibiting 50 % of the specific binding of the radioligand is called the <math>IC_{50}</math>. The equilibrium dissociation constant <math>K_i</math> is proportional to the <math>IC_{50}</math> and is calculated. Anticonvulsant agent 1 shows <math>pK_i</math> values of 6.0 and greater<sup>[1]</sup></p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

### REFERENCES

[1]. Differding, Edmond, et al. 2-OXO-1-PYRROLIDINE DERIVATIVES, PROCESSES FOR PREPARING THEM AND THEIR USES. WO2001062726A2

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

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