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## DATASHEET

Rufinamide

### Product overview

<b>Name</b>	Rufinamide
<b>Cat No</b>	HB1039
<b>Alternative names</b>	CGP 33101
<b>Biological action</b>	Blocker
<b>Purity</b>	>99%
<b>Description</b>	Na <sup>+</sup> channel blocker

### Images



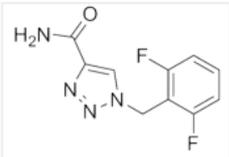
### Biological Data

<b>Biological description</b>	Na <sup>+</sup> channel blocker. Shows higher selectivity for Na <sub>v</sub> 1.7. Also mGluR <sub>5</sub> antagonist. A novel triazole derivative. Prolongs sodium channel inactivation. Displays anticonvulsant and antiepileptic actions.
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### Solubility & Handling

<b>Storage instructions</b>	room temperature (desiccate)
<b>Solubility overview</b>	Soluble in DMSO (100mM)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Chemical name</b>	1-[(2,6-Difluorophenyl)methyl]-1 <i>H</i> -1,2,3-triazole-4-carboxamide
<b>Molecular Weight</b>	238.19
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>8</sub> F <sub>2</sub> N <sub>4</sub> O
<b>CAS Number</b>	106308-44-5
<b>PubChem identifier</b>	129228

<b>Chemical name</b>	1-[(2,6-Difluorophenyl)methyl]-1 <i>H</i> -1,2,3-triazole-4-carboxamide
<b>SMILES</b>	<chem>O=C(N)C1=CN(CC2=C(F)C=CC=C2F)N=N1</chem>
<b>InChiKey</b>	POGQSBRIGCQNEG-UHFFFAOYSA-N

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## References

### Rufinamide.

Arroyo S (2007) *Neurotherapeutics* 4(1)

**PubMedID** [17199032](#)

### Rufinamide attenuates mechanical allodynia in a model of neuropathic pain in the mouse and stabilizes voltage-gated sodium channel inactivated state.

Suter MR *et al* (2013) *Anesthesiology* 118(1)

**PubMedID** [23221868](#)

### Rufinamide.

Deeks ED *et al* (2006) *CNS Drugs* 20(9)

**PubMedID** [16953653](#)

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