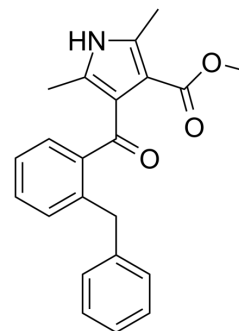


## FPL64176

<b>Cat. No.:</b>	HY-103307
<b>CAS No.:</b>	120934-96-5
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>21</sub> NO <sub>3</sub>
<b>Molecular Weight:</b>	347.41
<b>Target:</b>	Calcium Channel
<b>Pathway:</b>	Membrane Transporter/Ion Channel; Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	FPL64176, a nondihydropyridine compound, is a potent agonist of L-type Ca <sup>2+</sup> channels with an EC <sub>50</sub> value of 16 nM <sup>[1][2]</sup> .
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## REFERENCES

- [1]. Zheng W, Rampe D, Triggle DJ. Pharmacological, radioligand binding, and electrophysiological characteristics of FPL 64176, a novel nondihydropyridine Ca<sup>2+</sup> channel activator, in cardiac and vascular preparations. *Mol Pharmacol*. 1991 Nov;40(5):734-41.
- [2]. Baxter AJ, Dixon J, Ince F, Manners CN, Teague SJ. Discovery and synthesis of methyl 2,5-dimethyl-4-[2-(phenylmethyl)benzoyl]-1H-pyrrole-3-carboxylate (FPL 64176) and analogues: the first examples of a new class of calcium channel activator. *J Med Chem*.

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

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