

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **BAY K8644** **FBM-10-4518**

Article Name	BAY K8644
Biozol Catalog Number	FBM-10-4518
Supplier Catalog Number	10-4518
Alternative Catalog Number	FBM-10-4518-5MG,FBM-10-4518-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	L-type calcium channel activator...
Molecular Weight	356.30
Purity	>98% (TLC: 5% Methanol/methylene chloride + 0.5% NH <sub>4</sub> OH, R <sub>f</sub> = 0.55)
Form	Yellow solid
CAS Number	[71145-03-4]
Formula	C <sub>16</sub> H <sub>15</sub> F <sub>3</sub> N <sub>2</sub> O <sub>4</sub>
Application Notes	Bay K8644 is an L-type Ca <sup>2+</sup> -channel activator with positive inotropic and vasoconstrictive effects. <sup>1,2,3</sup> Bay K8644, in combination with the histone methyltransferase inhibitor BIX-01294 (Cat. 10-1335) has been shown to induce pluripotent stem cells from fibroblasts using only Oct4 and Klf4 transduction. <sup>4</sup>