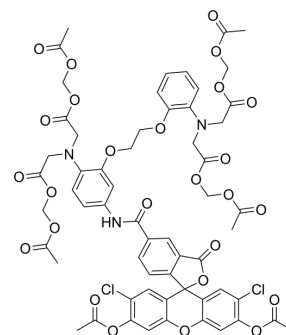


## Calcium Green 1AM

Cat. No.:	HY-D1176
CAS No.:	186501-28-0
Molecular Formula:	C <sub>59</sub> H <sub>53</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>26</sub>
Molecular Weight:	1290.96
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Calcium Green 1AM is a cell-permeant fluorescent calcium indicator (Excitation 506 nm; Emission 531 nm). Calcium Green 1AM is converted to the fluorescent calcium indicator by intracellular esterases<sup>[1]</sup>.

### REFERENCES

[1]. Gary Lee Thompson, et al. Lysosomal exocytosis in response to subtle membrane damage following nanosecond pulse exposure. J Biomed Opt; 2011 February.

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

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