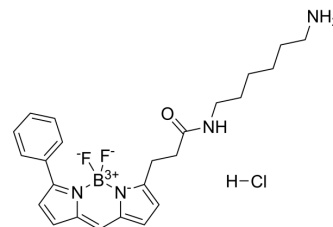


## BDP R6G amine hydrochloride

Cat. No.:	HY-D1369
CAS No.:	2183473-06-3
Molecular Formula:	C <sub>24</sub> H <sub>30</sub> BClF <sub>2</sub> N <sub>4</sub> O
Molecular Weight:	474.78
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

BDP R6G amine hydrochloride is a boronic dipyrromethene dye matched to the rhodamine 6G (R6G) channel. The fluorophore derivative contains an aliphatic amine group in the form of a salt. Amine groups can be conjugated to electrophiles. Amines can also be used for enzymatic transamination.

### REFERENCES

[1]. Hafuka A, et al. BODIPY-based ratiometric fluoroionophores with bidirectional spectral shifts for the selective recognition of heavy metal ions[J]. Bulletin of the Chemical Society of Japan, 2013, 86(1): 37-44.

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

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