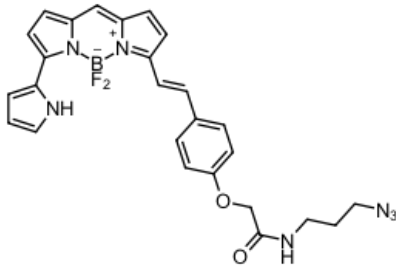


BDP 650/665 azide

BDP 650/665 is a bright red emitting borondipyrromethene dye, compatible with Cy5 channel found on many instruments. This is azide derivative of BDP 650/665. It can be conjugated with terminal alkynes via copper catalyzed reaction, or with cycloalkynes via copper-free Click chemistry.

BDP 650/665 azide can be conjugated with various terminal alkynes using copper-catalyzed Click chemistry, or with cycloalkynes using a copper-free reaction.



Struktur von BDP-650/665-azid

Allgemeine Eigenschaften

Erscheinungsform:	
Molekülmasse:	515.32
Molekülformel:	$C_{26}H_{24}N_7BF_2O_2$
Löslichkeit:	
Qualitätskontrolle:	NMR 1H , HPLC-MS (95%)
TN VED Code:	3204190000

Spektrale Eigenschaften

Anregungsmaximum / nm:	649
ϵ / $L \cdot mol^{-1} \cdot cm^{-1}$:	94000
Emissionsmaximum / nm:	667
Fluoreszenz-Quantenausbeute:	0.52
CF_{260} :	0.04
CF_{280} :	0.04