

For research use only

# TokyoGREEN<sup>®</sup>-βGlu

Catalog No.	Material	Amount	Storage	Stability
SK4002-01	TokyoGREEN <sup>®</sup> -βGlu	1 mg (in 0.4 ml DMSO)	Store <-20 °C, desiccate and protect from light Storage of the DMSO/dye solution is NOT recommended	1 year (when unopened and stored as described)

TokyoGreen<sup>®</sup>-βGlu is cell permeable is a fluorescent substrate [9- (4'-methoxy-2'-methylphenyl) -6- (β-D-glucopylanosyloxy) -xanthen-3-one] designed to detect β-glucosidase. Non-fluorescent TokyoGreen<sup>®</sup>-βGlu is hydrolyzed by β-glucosidase resulting in a bright fluorescent TokyoGreen<sup>®</sup>.

Non-fluorescent TokyoGreen<sup>®</sup>-βGlu is hydrolyzed by the β-galactosidase, and resulting in a bright fluorescent TokyoGreen<sup>®</sup>. TokyoGreen<sup>®</sup> emits a bright green fluorescence (510 nm) when excited at 490 nm.

