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## Product Datasheet

### FITC-Tyramide FBM-10-5110

Article Name	FITC-Tyramide
Biozol Catalog Number	FBM-10-5110
Supplier Catalog Number	10-5110
Alternative Catalog Number	FBM-10-5110-1MG, FBM-10-5110-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Signal amplification reagent for immunoassays...
Molecular Weight	526.56
Purity	985 by TLC, NMR (Conforms)
Form	Orange solid
Formula	C <sub>29</sub> H <sub>22</sub> N <sub>2</sub> O <sub>6</sub> S
Application Notes	Reagent for use in catalyzed reporter deposition (CARD) signal amplification <sup>1</sup> protocols in a variety of immunoassays in which horseradish peroxidase catalyzes local deposition of FITC tyramide. Typically used in multiplex immunohistochemistry (IHC) <sup>2</sup> , even allowing antibodies of the same species to be used <sup>3</sup> . Also useful in fluorescent in situ hybridization (FISH) <sup>4</sup> , including plant chromosomes, which are notorious for their repetitive regions <sup>5</sup> . Can also be used in more unique ways, to detect dimerization <sup>6</sup> , or reactive oxygen species <sup>7</sup> .