PAP-AMC, Tyrosinase substrate

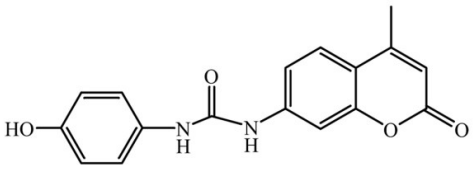
Fluorogenic substrate for tyrosinase. When assaying in phosphate buffer pH 7.1, the optimal excitation/emission wavelengths are 340/440 nm. 325/460 nm also work, but 380/460 nm will not detect this substrate.

Citations: 1 View Online »

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BML-EI405-0100	0.1mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 6 months after receipt when stored at -20°C.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1-(4-Methyl-coumarin-7-yl)-3-(4-hydroxyphenyl)urea
Appearance	Off-white solid.
Couple Target	Tyrosinase
Couple Type	Substrate
Formula	$C_{17}H_{14}N_2O_4$
MW	310.3
MeltingPoint	238-242°C
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (18 mg/ml) or in methanol.

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