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Plasmid DNA delivery using fluorescein-labeled arginine-rich peptides

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Peptide purity was checked by analytical HPLC using Discovery® BIO Wide Pore C18 column (25 cm x 4.6 mm).
solvent A; 0.1% TFA/water
solvent B; 0.1% TFA/MeCN
flow rate; 1.0 mL•mL⁻¹
gradient; 10-60% gradient of solvent B over 30 min

6-FAM-β-Ala-(L-Arg-L-Arg-Gly)₃-NH₂ [(RRG)₃]

<table>
<thead>
<tr>
<th>m/z</th>
<th>calc.</th>
<th>Found</th>
</tr>
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<tr>
<td>[M+2H]⁺²/²</td>
<td>584.87</td>
<td>584.62</td>
</tr>
<tr>
<td>[M+3H]⁺³/³</td>
<td>390.25</td>
<td>389.85</td>
</tr>
<tr>
<td>[M+4H]⁺⁴/⁴</td>
<td>292.94</td>
<td>292.77</td>
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