

Analytical Data Sheet

Lot number

2000201

not for drug use

Catalog number

M-1865

Product

DABCYL-γ-Abu-Ser-Gln-Asn-Tyr-
Pro-Ile-Val-Gln-Edans

Molecular formula

C₇₃ H₉₇ N₁₇ O₁₈ S₁

Relative molecular mass

1532.7

Tests	Results																																	
Appearance	Red powder																																	
Solubility	At least 1 mg/ml in DMSO or 80% AcOH / H ₂ O with agitation																																	
Purity	>95% by reverse phase HPLC																																	
Peptide Content	68%																																	
Mass Analysis	As expected																																	
Amino Acid Analysis	<table border="1"> <thead> <tr> <th></th> <th>Expected</th> <th>Found</th> </tr> </thead> <tbody> <tr> <td>Asx</td> <td>1</td> <td>1.00</td> </tr> <tr> <td>Serine (Ser)</td> <td>1</td> <td>0.83</td> </tr> <tr> <td>Glx</td> <td>2</td> <td>1.75</td> </tr> <tr> <td>Proline (Pro)</td> <td>1</td> <td>0.98</td> </tr> <tr> <td>Valine (Val)</td> <td>1</td> <td>0.51</td> </tr> <tr> <td>Isoleucine (Ile)</td> <td>1</td> <td>0.55</td> </tr> <tr> <td>Tyrosine (Tyr)</td> <td>1</td> <td>0.94</td> </tr> <tr> <td>L-□-Aminobutyric acid (Abu)</td> <td>1</td> <td>0.85</td> </tr> <tr> <td>Dabcyl</td> <td>1</td> <td>ND</td> </tr> <tr> <td>Edans</td> <td>1</td> <td>ND</td> </tr> </tbody> </table>		Expected	Found	Asx	1	1.00	Serine (Ser)	1	0.83	Glx	2	1.75	Proline (Pro)	1	0.98	Valine (Val)	1	0.51	Isoleucine (Ile)	1	0.55	Tyrosine (Tyr)	1	0.94	L-□-Aminobutyric acid (Abu)	1	0.85	Dabcyl	1	ND	Edans	1	ND
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