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LDS 765

Catalog No.: 07650

MW: 550

Appearance: Dark green crystals

| Lasing Wavelength Max. (nm) | Range (nm) | Pump Source (nm) | Solvent | Concentration (molar) | Abs λ -max | FI λ -max |
|-----------------------------------|---------------|----------------------------------|----------|---|-----------------------|----------------------|
| 793 | 770-833 | XeCl(308) ²⁰⁴ | DMSO | 8.3 x 10 ⁻⁴ (osc), 5.7 x 10 ⁻⁴ (amp) | 595 ^m | 752 |
| 757 | 731-798 | Nd:YAG(532) ²³¹ | Methanol | 120mg/l(osc), 27.75mg/l(amp) | | |
| 764 | 738-800 | Nd:YAG(side-p,532) ⁵⁷ | Methanol | 170mg/l(osc), 40mg/l(amp) | | |
| 765 | 738-800 | Nd:YAG(end-p,532) ⁵⁷ | Methanol | 170mg/l(osc), 20 mg/l(amp) | | |
| 766 | 730-812 | Nd:YAG(532) ⁵³ | Methanol | 100mg/l(osc), 13.3mg/l(amp) | | |
| 767 | 743-787 | Nd:YAG(532) ¹¹⁰ | Methanol | | | |
| 767 | 743-789 | Cu(511,578) ¹⁷⁵ | Methanol | 400 mg/l | | |

DMSO = dimethylsulfoxide; m = methanol

REFERENCES:

53. Continuum, 3150 Central Expressway, Santa Clara, CA 95051, formerly, Quantel International
57. Quanta-Ray, Note: Quanta-Ray is now incorporated as a part of Spectra-Physics, 1250 W. Middlefield Road, Mountain View, CA 94039
110. Lumonics Inc., 105 Schneider Road, Kanata, (Ottawa), Ontario, Canada K2K 1Y3
175. CVL-Pumped Dye Laser For Spectroscopic Application, M. Broyer, J. Chevalyere, G. Delacretaz and L. Wöste, *App. Phys. B*, 35, 31 (1984)
204. Questek, Inc., 44 Manning Road, Billerica, MA 01821 (Tuning Curves for Model 5200B Dye Laser, PDL-3)
231. Y. Huang, private commun., University of California at Santa Barbara, Chemistry Department, 1998

For a current list of biology, biological stain, or biochemistry references for LDS 765 from PubMed, click on the following link:

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