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Saturable Absorber and Solvent Catalog Number		Dyes for Hybridly Mode Locked Dye Lasers (Solvent)	Tuning Range(nm)	Pump Source Reference	Shortest Duration Pulse(fs)
<b>DOCI 05410</b>	Ethylene Glycol/ Benzyl Alcohol	Coumarin 480(Ethylene Glycol/ Benzyl Alcohol)	472-512	cw m-I,Nd:YAG <sup>87</sup>	780
<b>Rhodamine 610 06101</b>	Ethylene Glycol Ethylene Glycol	Disodium Fluorescein (Ethylene Glycol) Rhodamine 560(Ethylene Glycol)	535-575 548-585	m-I,Ar <sup>27</sup> m-I,Ar <sup>27</sup>	450 250
<b>DASBTI 05360</b>	Ethylene Glycol	Rhodamine 560(Ethylene Glycol)	560	cw m-I,Nd:YAG <sup>61</sup>	283
<b>DODCI 06480</b>	Ethylene Glycol Ethylene Glycol Ethanol Ethylene Glycol Ethylene Glycol Ethylene Glycol Ethylene Glycol Ethylene Glycol Ethylene Glycol	Rhodamine 560(Ethylene Glycol) Rhodamine 590(Ethylene Glycol) Rhodamine 590(Ethanol) Rhodamine 590(Ethylene Glycol) Rhodamine 590(Ethylene Glycol) Rhodamine 590(Ethylene Glycol) Rhodamine 590(Ethylene Glycol) Rhodamine 590(Ethylene Glycol) Rhodamine 590(Ethylene Glycol)	561 574-611 580,615 581,622 595-620 615-625 620 627-632 634	m-I,Ar <sup>27</sup> m-I,Ar <sup>21</sup> m-I,Nd:YAG <sup>82</sup> cw m-I,Nd:YAG <sup>56</sup> cw m-I,Nd:YAG <sup>44</sup> m-I,Ar <sup>40</sup> m-I,Ar <sup>41</sup> m-I,Ar <sup>71</sup> cw m-I,Nd:YAG <sup>86</sup>	580 300 460 96 85 130 100 81 38
<b>DODCI + DQOCI 06480 + 05920</b>	Ethylene Glycol Ethylene Glycol Ethylene Glycol Ethylene Glycol	Rhodamine 590(Ethylene Glycol) Rhodamine 590(Ethylene Glycol) Kiton Red 620(Ethylene Glycol) Kiton Red 620(Ethylene Glycol)	583 610-620 615 619	cw m-I,Nd:YAG <sup>56</sup> cw m-I,Nd:YAG <sup>63</sup> cw m-I,Nd:YAG <sup>69</sup> cw m-I,Nd:YAG <sup>83</sup>	69 65 29 240
<b>Pinacyanol 05940</b>	Ethylene Glycol	Rhodamine 590(Ethylene Glycol)	590-625	m-I,Ar <sup>40</sup>	160
<b>DDBCI 06180</b>	Ethylene Glycol	Rhodamine 610(Ethylene Glycol)	604-632	cw m-I,Nd:YAG <sup>55</sup>	430
<b>DQOCI 05920</b>	Ethylene Glycol	Rhodamine 590(Ethylene Glycol)	615	cw m-I,Nd:YAG <sup>26</sup>	70
<b>DQOCI + Brilliant Green 05920</b>		Rhodamine 590@Rhodamine 640 + DQOCI	590-630	cw Q-Switch,Nd:YAG <sup>78</sup>	130
<b>Malachite Green 20100</b>	Ethylene Glycol	Sulforhodamine 640(Methanol) + Kiton Red 620(Water/Ammonyx LO)	619	cw m-I,Nd:YAG <sup>68</sup>	106
<b>DQTCI 06220</b>	Ethylene Glycol Ethylene Glycol Ethylene Glycol	Rhodamine 610(Ethylene Glycol) Rhodamine 640(Ethylene Glycol) Sulforhodamine 640(Ethylene Glycol)	628 675 675	cw m-I,Nd:YAG <sup>60</sup> cw m-I,Nd:YAG <sup>60</sup> cw m-I,Nd:YAG <sup>60</sup>	320 59 55
<b>Oxazine 720 07210</b>	Ethylene Glycol	Rhodamine 610(Ethylene Glycol)	649	cw m-I,Nd:YAG <sup>60</sup>	187
<b>DDI 08100</b>	Propylene Carbonate/Ethylene Glycol Propylene Carbonate/Ethylene Glycol Propylene Carbonate/Ethylene Glycol	LDS 698(Propylene Carbonate/ Ethylene Glycol) LDS 722(Propylene Carbonate/ Ethylene Glycol) LDS 722(Propylene Carbonate/ Ethylene Glycol)	695 733 734.5-760	cw m-I,Nd:YAG <sup>61</sup> cw m-I,Nd:YAG <sup>61</sup> cw m-I,Nd:YAG <sup>67</sup>	103 170 325
<b>DOTCI 08250</b>	Ethylene Glycol	LD 700(Ethylene Glycol) LDS 722	710-718 733	m-I,Kr <sup>52</sup> cw m-I,Nd:YAG <sup>61</sup>	470 263
<b>HITCI 08422</b>	Dimethylsulfoxide/Ethylene Glycol Ethylene Glycol Propylene Carbonate/Ethylene Glycol	Oxazine 725(Dimethylsulfoxide/ Ethylene Glycol) LD 700(Ethylene Glycol) LDS 751(Propylene Carbonate/ Ethylene Glycol)	750-780 770-781 800	m-I,Kr <sup>42</sup> m-I,Kr <sup>52</sup> cw m-I,Nd:YAG <sup>61</sup>	800 550 70
<b>HDITCP 08330</b>	Dimethylsulfoxide/Ethylene Glycol	Oxazine 750(Dimethylsulfoxide/ Ethylene Glycol)	750-835	m-I,Kr <sup>18</sup>	800
<b>DTP + HITC 08500 + 08422</b>	Ethylene Glycol	LDS 798(Ethylene Glycol/ Propylene Carbonate)	790-820	m-I,Nd:YAG <sup>93,91</sup>	39
<b>IR-140 09500</b>	Propylene Carbonate/ Ethylene Glycol Propylene Carbonate/ Ethylene Glycol Benzyl alcohol	LDS 821(Propylene Carbonate/ Ethylene Glycol) LDS 821(Propylene Carbonate/ Ethylene Glycol) LDS 821(Propylene Carbonate/ Ethylene Glycol)	800-840 815-850 840-880	cw m-I,Nd:YAG <sup>61</sup> m-I,Ar <sup>38</sup> m-I,Ar <sup>50</sup>	137 550 65



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DQTrCl 09010		Styryl Dye Mixture	897-905	cw m-I,Nd:YAG <sup>62</sup>	265
IR-143 09200	Ethylene Glycol/ Dimethylsulfoxide	LDS 925(Ethylene Glycol/ Dimethylsulfoxide)	926	cw m-I,Nd:YAG <sup>77</sup>	830

