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Saturable Absorber	Catalog Number	Molecular Weight	Absorption $\lambda_{max}(\text{Solvent})$	$\epsilon (\times 10^{-4})$	Excited State Lifetime (Solvent)	Reference
BDN	20160	629.55	1060(1,2-Dichloroethane)	2.5	6.2+1.6ns(Chloroform), 1.5+.2ns(Carbon Disulfide)	6
Cryptocyanine	07070	480.39	710(Ethanol)	25.8	15ps(Methanol),48ps(Ethanol), 200ps(Glycerol)	9,45
DASPI	04620	366.24	465(Ethanol)	3.8	62ps(Ethanol)	36
DASBTI	05360	436.35	530(Ethanol)	6.4	55ps(Ethanol),212ps (Ethanol/Glycerol,1/1)	35
DCI'	05950	480.39	658(Ethanol)	19.8	20ps(Ethanol)	12
DDBCI	06180	606.58	571	10.6		55
DDI	08100	506.43	710(Ethanol)	24.3	t_{ic} 17ps(Methanol), t_{rad} 4.1ns(Methanol)	30
DMETCI	05240	492.43	540(Ethanol)	10.6	57ps	29
DNTTCI	08850	612.63	768(Ethanol)	15.3		37
DOCI	05410	460.31	484(Ethanol)	19.5		73
DODCI	06480	486.35	582(Methanol)	23.5	330ps(Ethanol),420ps(Ethanol)	10,13
DOTCI	08250	512.39	695(Ethanol)	18.9	1.15ns(Ethanol), 2.3ns(Ethylene Glycol)	45,74
DQOCI	05920	470.35	592(Ethanol)	13.5	16ps(Ethanol)	74
DQTCI	06220	486.41	629(Ethanol)	11.0	53ps(Ethanol)	74
DQTCI'	06240	486.41	578(Ethanol)			48
DQTrCI	09010	532.47	933(Ethylene Glycol/ Propylene Carbonate, 3/1)	11.0		62
DTCI	06250	492.43	557(Ethanol)	14.6		
DTDCI	07310	518.48	653(Ethanol)	25.0	185ps(Ethanol)	12
DTP	08500	504.99	824(Propylene Carbonate/ Ethylene Glycol)	22.8	33ps(Propylene Carbonate/ Ethylene Glycol)	91
HDITCP	08330	609.16	780(Ethanol)	23.1		
HICI	05670	484.42	543(Ethylene Glycol/Ethanol,3/1)	11.0		53
HIDCI	07410	510.46	641(Ethanol)	22.5		
HITCI	08422	536.50	742(Ethanol)	26.2	1.2ns(Dimethylsulfoxide)	45
IR-140	09500	779.20	810(Ethylene Glycol/Propylene Carbonate,1/1)	15.0	-600ps	50
IR-143	09200	810.43	855(Ethylene Glycol/ Dimethylsulfoxide,3/1)	20		77
Malachite Green	20100	927.02	622(Ethanol)	8.07	1.25ps	
NCI	07730	789.55	773(Ethylene Glycol/Ethanol,9/1)	19.2		70
PICI/DI	05200/05235	454.35	527(Glycerol)	7.8	212±16ps(Glycerol), 143±20ps(Glycerol/Water,87/13)	17
Pinacyanol	05940	388.94	600(Methanol)	2.0	10ps(Methanol),300ps(Glycerol)	16
Q-Switch 5	10900	775.34	1090(Methylene Chloride)	14.0	2.7ps(1,2-Dichloroethane)	75,20
Saturable Absorber 580	05800	488.43	576(Ethylene Glycol)	6.95	35ps	92